Water Resources Data Nevada Water Year 2003

By Emil L. Stockton, Clifford Z. Jones, Ryan C. Rowland, and Rose L. Medina

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Prepared in Cooperation with the State of Nevada and with other agencies

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PREFACE

This report for Nevada is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface-water and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streams, canals, drains and springs, lakes and reservoirs, and observation wells provide the hydrologic information needed by Federal, State, and local agencies and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by personnel of the U.S. Geological Survey who collected, analyzed, verified, and organized the data and who typed, edited, and assembled the report. The Nevada Data Management Unit had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines.

In addition to the authors, U.S. Geological Survey personnel in Nevada who contributed significantly to the collection and preparation of the data in this report were: Kip A. Allander, Nancy L. Alvarez, David L. Berger, Steven N. Berris, Laurie J. Bonner, Robert E. Bostic, Robert L. Burrows, E. James Crompton, Peggy E. Elliott, David M. Evetts, Larry P. Etchemendy, Joseph M. Fenelon, Kerry T. Garcia, Gary C. Gortsema, Joseph J. Joyner, Randy S. Kyes, Richard A. LaCamera, Randell J. Laczniak, Michael S. Lico, Glenn L. Locke, Thomas J. Lopes, Douglas K. Maurer, Michael T. Moreo, Rodney H. Munson, Walter E. Nylund, Gary L. Otto, Angela P. Paul, Michael T. Pavelko, Robert N. Pennington, Russell W. Plume, Alan M. Preissler, David E. Prudic, Steven R. Reiner, Timothy G. Rowe, Roslyn Ryan, Ronald J. Spaulding, Donald H. Schaefer, Robert J. Sexton, James R. Swartwood, Daron J. Tanko, Carl E. Thodal, Karen A. Thomas, Sonya L. Vasquez, Craig L. Westenburg, Jon W. Wilson, David B. Wood and James L. Wood.

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Water resources data published herein for the 2003 water year comprise the following records:

- o Water discharge for 182 gaging stations on streams, canals and drains.
- o Discharge for 51 peak-flow stations and miscellaneous sites, and 23 springs.
- o Stage and contents for 21 ponds, lakes and reservoirs.
- o Water-quality data for 70 stream, lake, canal, spring, and drain sites, and 276 wells.
- Water levels for 178 primary/continuous record wells, and 715 secondary observation wells.
- o Water withdrawals for 11 wells
- o Precipitation totals for 40 stations.

Additional water-data, collected at various sites that are not part of the systematic data-collection program, are published as miscellaneous measurements. These data represent that part of the National Water Information System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Nevada.

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NOTE.--Data for partial-record stations and miscellaneous sites for both surface-water discharge and quality are published in separate sections of the data report. See references at the end of this list for page numbers for these sections.

[Letters after station name designate type of data: (a) air temerature, (b) turbidity, (d) discharge, (p) precipitation, (c) chemical, (m) microbiological, (t) water temperature, (s) sediment, (e) elevation, gage heights, or contents.]

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DISCONTINUED SURFACE-WATER DISCHARGE STATIONS

The following continuous-record surface-water discharge stations (gaging stations) in Nevada and parts of California have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as crest-stage partial-record stations.

			Period
		Drainage	of
	Station	area	record
Station name	number	(mi ²)	(water years)
Mesquite Canal near Mesquite, NV	09415060		1951-55
Bunkerville Canal near Bunkerville, NV	09415080		1951-55
Virgin River at Riverside, NV	09415190	5,890	1971-74, 1993-96
Virgin River above Halfway Wash near Riverside, NV	09415230	5,980	1978,
	*********	-,	1980-83,
William D. A. Mil	00415500		1985
White River near Preston, NV Water Canyon Creek near Preston, NV	09415500 09415515	11.0	1914 1983-87,
Water Carryon Creek near Freston, 144	07413313	11.0	1990-94
Pahranagat Valley Tributary near Hiko, NV	09415600	17.0	1964-77
White River above Upper Pahranagat Lake near Alamo, NV	09415700	2,630	1990-94 1988-93
Pahranagat Wash near Moapa, NV Muddy River Power Diversion near Moapa, NV	09415850 09415950	252	1978-85
Muddy River above Moapa Indian Res near Moapa, NV	09416500	3,890	1914-18
Muddy River at Rr Pump Plant near Moapa, NV	09417000	3,900	1915-17
Muddy River at Weiser Ranch near Moapa, NV	09417400	4,360	1916-17
Meadow Valley Wash at Eagle Canyon, near Ursine, NV Meadow Valley Wash near Panaca, NV	09417500 09418000	293 450	1962-75 1945-50
Mathews Canyon Wash near Caliente, NV	09418200	34.0	1958-84
Pine Canyon Wash near Caliente, NV	09418300	45.0	1958-84
Muddy River near Overton, NV	09419500	8,180	1913-16,
Moddy Discourse Labo Mandagas Occasion NV	00410515	0.210	1948-52
Muddy River above Lake Mead near Overton, NV Lee Canyon near Charleston Park, NV	09419515 09419610	8,310 9.20	1979-93 1963-94
Las Vegas Wash above Detention Basin near North Las Vegas, NV	09419648	9.20 	1988-93
North Las Vegas Detention Basin Outlet at Craig Road near North Las Vegas, NV	09419649	1,920	1992-99
Las Vegas Wash at North Las Vegas, NV	09419650	1,300	1962-78
Las Vegas Wash at Lake Mead Drive near North Las Vegas, NV	09419655	 16 2	1988-96
Las Vegas Creek at Lamb Blvd near Las Vegas, NV Flamingo Wash Detention Basin Outlet at Las Vegas, NV	09419656 09419672	46.3	1988-92 1992-96
Flamingo Wash near Torrey Pines Drive near Las Vegas, NV	09419673	93.6	1988-99
Tropicana Wash at Swenson Street Bridge at Las Vegas, NV	09419676		1989-96
Flamingo Wash at Maryland Parkway at Las Vegas, NV	09419677	106	1970-78
Flamingo Wash at Eastern Avenue near Las Vegas, NV	094196775	108	1990-99
Duck Creek at Eastern Avenue at Las Vegas, NV Pittman Wash at Wigmam Parkway near Henderson, NV	09419688 09419695	68.31	1988-96 1989-99
Las Vegas Wash above Three Kids Wash below Henderson, NV	09419753	2,180	1988-98
Las Vegas Wash below Lake Las Vegas below Henderson, NV	09419790	2,200	1992-2002
Thousand Springs Creek near Wilkins, NV	10172907		1985-90
Thousand Springs Creek near Shores, NV Thousand Springs Creek below Toano Draw near Shores, NV	1017290880 1017290885		1985-87 1987-89
Thousand Springs Creek near Tacoma, NV	1017290003	 	1911-14
Thousand Springs Creek near Montello, NV	10172914		1985-90
Snake Creek near Baker, NV	10243230	30.0	1913-15,
Palzar Craak at Narrayya naar Palzar NV	10243240	16.4	1916-17
Baker Creek at Narrows near Baker, NV	10243240	10.4	1947-55, 1993-97
Baker Creek near Baker, NV	10243250	10.0	1913-16
Franklin River near Arthur, NV	10244720	10.3	1964-83
Overland Creek near Ruby Valley, NV	10244745	9.00	1960-67,
Duck Creek near Cherry Creek, NV	10245005		1977-82 1986-88
Currie Spring near Currie, NV	10245030		1983-86
Goshute Creek near Cherry Creek, NV	10245040	9.67	1983-86
Illipah Creek near Hamilton, NV	10245445	31.5	1983-87,
Name of Weller Talls and Heaville and NW	10245900	157	1990-94
Newark Valley Trib near Hamilton, NV Stoneberger Creek near Austin, NV	10245800 10245925	157 35.6	1962-86 1978-97
Big Spring near Duckwater, NV	10246835		1970-71
Little Currant Creek near Currant, NV	10246846	12.9	1964-81,
			1983-86,
Current Craek at Pangar Station near Current NV	10246850		1990-94 1913
Currant Creek at Ranger Station near Currant, NV Currant Creek (at Cazier's Ranch) near Currant, NV	10246860		1913-17,
Committee of the commit			1923
Big Warm Spring near Duckwater, NV	10246890		1915-16
Duckwater Creek near Duckwater, NV	10246900	0.07	1915-17
Upper Hot Creek Ranch Springs near Warm Springs, NV Hot Creek Ranch Springs near Warm Springs, NV	10246910 10246920	0.07	1967-72 1967-73
Six Mile Creek near Warm Springs, NV	10246920	19	1967-68,
		• /	1984-91
Moores Station Springs at Moores Station, NV	10246940	136	1967-73
Warm Springs at Warm Springs, NV	10246950		1967-73

DISCONTINUED SURFACE-WATER DISCHARGE STATIONS--Continued

DISCONTINUED SURFACE-WATER DISCHAR	GE STATIONSCOIL	illued	D:1
		Dusinson	Period
	Station	Drainage	of
Station name	number	area (mi ²)	record
Station name	number	(IIII)	(water years)
Hot Creek near Warm Springs, NV	10247050	1,030	1967-73
Big Creek near Warm Springs, NV	10247200	12.0	1991-94
Penoyer Valley Tributary near Tempiute, NV	10247860	1.48	1966-77
Eldorado Valley Tributary near Nelson, NV Willow Creek peer Warm Springs, NV	10248510 10249190	1.41 16.4	1966-77 1978-92
Willow Creek near Warm Springs, NV McClusky Creek near Austin, NV	10249190	11.6	1979,
The classify crown from Trustin, TV	102.7200	11.0	1981-82
Campbell Creek Tributary near Eastgate, NV	10249411	2.14	1964-82
Chiatovich Creek near Dyer, NV	10249900	37.3	1961-82
Beatty Wash near Beatty, NV Amargosa River at Highway 95 below Beatty, NV	10251215 10251218	94.6 470	1989-95 1963-68,
Amargosa River at Highway 33 below Beatty, IVV	10231216	470	1991-95
Amargosa River near Beatty, NV	10251220	470	1964-68
Fortymile Wash above East Cat Canyon, Nevada Test Site, NV	10251242	40.8	1991-95
East Cat Canyon Wash at Fortymile Wash, Nevada Test Site, NV	10251243	13.3	1991-95
Unnamed Tributary to Stockade Wash near Rattlesnake Ridge Nevada Test Site, NV	10251248	3.9	1984-95
Stockade Wash near Fortymile Wash, Nevada Test Site, NV	10251249	68.2	1991-95
Fortymile Wash at Narrows, Nevada Test Site, NV	10251250	258	1983-97
Pagany Wash near the Prow, Nevada Test Site, NV	102512531	0.47	1994-95
Pagany Wash #1 near Well UZ-4, Nevada Test Site, NV	102512533	0.82	1992-95
Drillhole Wash above Well UZ-1, Nevada Test Site, NV Wren Wash at Yucca Mountain, Nevada Test Site, NV	102512535 1025125356	0.68 0.23	1994-95 1994-95
Split Wash below Quac Canyon Wash, Nevada Test Site, NV	1025125350	0.33	1993-95
Split Wash at Antler Ridge, Nevada Test Site, NV	1025125372	2.35	1993-95
Fortymile Wash near Well J-13, Nevada Test Site, NV	10251255	304	1983-97
Amargosa River at Highway 127, near CA-NV State Line	10251259	1,542	1993-95
Carson Slough at Ash meadows, NV Peak Spring Canyon Creek near Charleston Peak, NV	10251275 10251890	3.09	1993-97 1977-83,
Teak Spring Canyon creek hear Charleston Teak, 144	10231070	3.07	1984-94
Lees Creek near Pahrump, NV	10251900		1916
Intermittent Springs near Pahrump, NV	10251950		1916
Lovell Wash near Blue Diamond, NV	10251980	52.8	1967-77
Virginia Creek near Bridgeport, CA Green Creek near Bridgeport, CA	10289000 10289500	63.6 19.5	1954-75 1954-75
Summers Creek near Bridgeport, CA	10290000	8.26	1954-59
Robinson Creek near Bridgeport, CA	10291000	40.2	1911-12
Swauger Creek near Bridgeport, CA	10292000	52.8	1912-15,
Fact Walker Diver below Sweetwater Creek near Bridgenort, CA	10202050	167	1954-75 1974-82
East Walker River below Sweetwater Creek near Bridgeport, CA East Walker River above Mason Valley near Mason, NV	10293050 10294000	467 	1974-82
near Mason, NV	102) 1000		1921-24
East Walker River near Yerington, NV	10294500		1903-08
East Walker River near Mason, NV	10295000	1,230	1911-16
West Walker River at Leavitt Meadows, near Coleville, CA Saroni Canal near Wellington, NV	10295200 10298000	73.0	1945-64 1920-23
West Walker River near Wellington, NV	10298500	521	1918-24
Desert Creek near Wellington, NV	10299100	50.4	1965-69
Walker River near Nordyke, NV	10300500	2.400	1895
Walker River near Mason, NV Walker River at Mason, NV	10300600 10301000	2,400	1974-84 1911-16,
walker River at Wason, 144	10301000		1921-23
Walker River above Little Dam near Schurz, NV	10301745		1995-2001
Walker River at Shurz, NV	10302000	2,850	1914-33
East Fork Carson River above Soda Springs Ranger Station, near Markleeville, CA	10302500	30	1947-51
Silver King Creek near Coleville, CA	10303000	31.6	1947-51
East Fork Carson River at Silver King Valley, near Markleeville, CA	10303500		1911-12
Wolf Creek near Markleeville, CA	10304000	11.7	1947-51
Silver Creek below Pennsylvania Creek, near Markleeville, CA	10304500	19.6	1947-67
Silver Creek near Markleeville, CA East Fork Carson River near Markleeville, CA	10305000 10305500	27.3 208	1911-12 1911-31
Hot Springs Creek near Markleeville, CA	10305300	14.3	1947-57
Hot Springs Creek at Markleeville, CA	10306500	26.7	1912-30
Pleasant Valley Creek above Raymond Canyon Creek near Markleeville, CA	10307000	14.6	1947-50
Pleasant Valley Creek near Markleeville, CA	10307500	25.2	1911-12
Markleeville Creek at Markleeville, CA East Fork Carson River at California-Nevada State Line, CA	10308000 10308500	53.7 300	1911-31 1911-14
Indian Creek at Woodfords, CA	10308300	1.7	1987-91
Indian Creek at Diamond Valley near Paynesville, CA	10309030	16.15	1987-91
Indian Creek above Mouth near Gardnerville, NV	10309035	25.4	1994-98
Pine Nut Creek near Gardnerville, NV	10309050	10.14	1980-97
Buckeye Creek near Minden, NV East Fork Carson River at Minden, NV	10309070 10309100	46.3 392	1980-97 1974-84,
	1000/100	3,2	1994-98
West Fork Carson River above Woodfords, CA	10309500	53	1947-51
Fredericksburg Canyon Creek near Fredericksburg, CA	10310300	3.71	1989-2000
Miller Spring near Sheridan, NV West Fork Carson River at Muller Lane near Minden, NV	10310350 10310358		1989-97 1994-98
East Branch Brockliss Slough at Muller Lane near Minden, NV	10310338		1994-98
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DISCONTINUED SURFACE-WATER DISCHARGE STATIONS--Continued

DISCONTINUED SURFACE-WATER DISCHARGE STATIONSCOMMINGED			
		Duoinaga	Period
	C4-4:	Drainage	of
Station name	Station number	area (mi ²)	record
Station name	number	(IIII)	(water years)
West Branch Brockliss Slough at Muller Lane near Minden, NV	10310403		1994-98
Carson River at Genoa, NV	10310405	570	1974-82
Vicee Canyon Creek near Carson City, NV	10311250	1.30	1983-85
Vicee Canyon Creek near Sagebrush Ranch near Carson City, NV	10311260	1.83	1984-85
Carson River near Empire, NV	10311500	988	1989-97 1901-07,
Carson River near Empire, iv v	10311300	900	1911-23
Buckland Ditch near Fort Churchill, NV	10311900		1962-72
Stillwater Slough Cutoff Drain near Stillwater, NV	10312220		1967-81
Paiute Diversion Drain near Stillwater, NV	10312240		1967-81
Paiute Drain above D-line Canal near Stillwater, NV	10312250		1989-90
ndian Lakes Canal near Fallon, NV	10312260		1967-81
Indian Lakes Canal below East Lake near Stillwater, NV	10312265		1979-82
O-line Canal below East Lake near Stillwater, NV Paiute Drain at Wildlife Entrance near Stillwater, NV	10312267 10312270		1989 1980-82
FJ Drain at Wildlife Entrance near Stillwater, NV	10312270		1989-90
Carson River below Fallon, NV	10312274		1967-85
Bishop Creek near Wells, NV	10312500	125	1910-11
Starr Creek near Deeth, NV	10313000		1913-24
Marys River at Marys River Cabin, near Deeth, NV	10313500		1913-14
Hanks Creek near Deeth, NV	10314000		1913-14
Marys River at Buena Vista Ranch, near Deeth, NV	10314500	255	1913-14
Marys River near Deeth, NV	10315000	355	1903,
Secret Creek near Halleck, NV	10316000	35.0	1912-28 1917-24
Lamoille Creek near Halleck, NV	10317000	245	1917-24
North Fork Humboldt River near North Fork, NV	10317400	11.0	1965-82
Mahala Creek near Tuscarora, NV	10317420	4.48	1980-85
Mahala Creek at State Hwy 225 near Tuscarora, NV	10317430	22.9	1980-82
Gance Creek near Tuscarora, NV	10317450	6.45	1980-87
Gance Creek at State Hwy 225 near Tuscarora, NV	10317460	20.2	1980-82
North Fork Humboldt River at Devils Gate near Halleck, NV	10317500	830	1914-22,
Couth Fords Humbolds Divor moon Loo MV	10210000	54.0	1944-82
South Fork Humboldt River near Lee, NV Huntington Creek near Lee, NV	10319000 10319500	54.0 770	1945-55 1949-73
Fenmile Creek above South Fork Humboldt River near Elko, NV	10319300	164	1989-90
Dixie Creek above South Fork Humboldt River near Elko, NV	10320100	159	1989-96
South Fork Humboldt River near Elko, NV	10320500	1,310	1896-1922,
······································		,-	1924-32,
			1937-73
Susie Creek near Carlin, NV	10321500	82.5	1956-58
Jack Creek below Indian Creek near Carlin, NV	10321860	10.47	1991-93
Maggie Creek near Carlin, NV	10321970 10323000	999	1990-91 1912-14,
Pine Creek near Palisade, NV	10323000	999	1912-14, 1946-58
Humboldt River near Dunphy, NV	10323400		1981-83
Humboldt River near Argenta, NV	10323500	7,490	1946-83
Humboldt River below Slaven Ditch near Argenta, NV	10323600		1981-84
Rock Creek at Rock Creek Ranch near Battle Mountain, NV	10324000		1915, 1917
Reese River near Ione, NV	10325500	53.0	1951-80
Reese River near Berlin, NV	10326000	94.0	1913-16
Big Creek near Austin, NV	10326500	9.0	1914,1916
Reese River near Austin, NV	10326700	1,130	1964-68
Fish Creek near Battle Mountain, NV Humboldt River near Valmy, NV	10326800 10327000	64.7	1977-85 1950-58
Pole Creek near Golconda, NV	10327000	10.7	1961-74
North Fork Little Humboldt River near Paradise Valley, NV	10328450	210	1976-82
South Fork Little Humboldt River near Paradise Valley, NV	10328475	431	1976-83
Little Humboldt River below Chimney Dam near Paradise Valley, NV	10328500	780	1942-51,
·			1975-82
Cottonwood Creek near Paradise Valley, NV	10330000		1925-34
Cottonwood Creek at Paradise Valley, NV	10330500	57.4	1945-51
Humboldt River near Winnemucca, NV	10330900	14,600	1961-64
Humboldt River near Rose Creek, NV HLIL&P Company Feeder Canal near Mill City, NV	10331500 10332490	15,200	1948-70 1914-31,
1 L 1 L & 1 Company recuci Canar near will City, iv v	10332490		1914-31,
HLIL & P Company Feeder Canal near Imlay, NV	10332500		1947-77
Humboldt River near Humboldt, NV	10333500		1933
HLIL&P Company Outlet Canal near Humboldt, NV	10334000		1914-20,
			1922-41
Humboldt River near Lovelock, NV	10336000	16,600	1912-27,
			1950-59,
Faulan Drain at Darby Field Dead man Taylon NV	10226025		1998-2000
Foulon Drain at Derby Field Road near Toulon, NV	10336035 10336039		1998-2000 1999-2000
Army Drain above Iron Bridge near Lovelock, NV Lower Humboldt Drain near Lovelock, NV	10336059		1999-2000 1965-66
Grass Lake near Meyers, CA	10336593	6.99	1903-00
J1000 Z000 11001 1110 J 010, C/ 1		33.1	1961-86
Upper Truckee River near Mevers. CA	10330000		
Upper Truckee River near Meyers, CA Fallen Leaf Lake near Camp Richardson, CA	10336600 10336625	16.7	1969-92

DISCONTINUED SURFACE-WATER DISCHARGE STATIONS--Continued

DISCONTINUED SURFACE- WATER DISCI	THOEST HIONG CON	imaca	Period
		Drainage	of
	Station	area	record
C4-4:		(mi ²)	
Station name	number	(mi ⁻)	(water years)
Carnelian Creek at Carnelian Bay, CA	10336686	2.93	1999-2000
Edgewood Creek Tributary near Daggett Pass, NV	10336756		1981-83
Tributary of Edgewood Creek Tributary near Tahoe Village, NV	10336757		1981-83
Edgewood Creek Tributary at Highland Drive near Tahoe Village, NV	10336758		1981-83
Edgewood Creek near Stateline, CA	10336759	3.2	1983-87
Edgewood Creek at Lake Tahoe near Stateline, CA	10336765	5.50	1989-92
Summit Creek above Donnor Lake near Truckee, CA	10338100	4.96	1998
Donner Creek near Truckee, CA	10339000	29.4	1902-15,
			1928-43
Truckee River above Prosser Creek near Truckee, CA	10339419	36.1	1993-98
South Fork Prosser Creek near Truckee, CA	10339500	6.37	1910
Prosser Creek at Hobart Mills, CA	10339700	27.4	1959-63
Alder Creek near Truckee, CA	10339900	7.47	1959-69,
			1971-73
Prosser Creek near Truckee, CA	10340000	47.4	1904,
			1908-12
Webber Creek near Truckee, CA	10341000	14.7	1910
Little Truckee River near Truckee, CA	10341500	32.3	1910
Little Truckee River below Diversion Dam near Sierraville, CA	10341950	36.1	1993-98
Little Truckee River near Hobart Mills, CA	10342000	37.1	1947-72
Little Truckee River at Highway 89 near Truckee, CA	10343200	59.0	1993-94
Bronco Creek at Floriston, CA	10345700	15.4	1993-98
Truckee River near Essex, NV	10347000	991	1889
Dog Creek near Verdi, CA	10347300	16.2	1956-61
Dog Creek at Verdi, CA	10347310 10347500	24.2 1.050	1993-98 1890
Truckee River at Laughtons, CA Hunter Creek near Reno, NV	10347600	1,030	1962-72,
Figure Cleek fical Relio, IVV	10347000	11.3	1902-72,
Hunter Creek above Last Chance Ditch near Reno, NV	10347620	11.7	1993-95
Peavine Creek near Reno, NV	10347820	2.34	1963-74
Orr Ditch at Spanish Springs Valley near Sparks, NV	10348220	2.34	1992-95
Franktown Creek at Franktown, NV	10348220	14.0	1948-55,
Tranktown Clock at Flanktown, 114	10340300	14.0	1958
Galena Creek near Steamboat, NV	10348900	8.5	1961-94
Steamboat Creek at Steamboat Springs, NV	10349500	123	1900-2001
Whites Creek near Steamboat, NV	10349700	8.02	1962-66
Truckee River below Tracy, NV	10350400	1,590	1972-97
Truckee River at Clarks, NV	10350500		1907-15
Fernley A-Drain near Fernley, NV	10351350		1969-80
'A' Drain at Powerline Crossing near Fernley, NV	10351356		1989-90
Truckee River near Wadsworth, NV	10351800		1902-05
East Fork Quinn River near McDermitt, NV	10353000	140	1949-82
Quinn River near McDermitt, NV	10353500	1,100	1949-85
Kings River near Orvada, NV	10353600	20.5	1962-68
			1976-95
Quinn River near Denio, NV	10353650	3,520	1964-67,
I IC I D'AW	10070700	50 0	1978-81
Leonard Creek near Denio, NV	10353700	52.0	1961-83
South Willow Creek near Gerlach, NV	10353770	31.0	1973-2000
Red Mountain Creek near Gerlach, NV	10353790	30.0	1967-68
Badger Creek Trib near Vya, NV	10361700	7.70	1964-72
Wildhorse Reservoir near Gold Creek, NV	13174000	209	1938-96
Owyhee River at Patsville, NV	13174900	305	1972-75
Owyhee River at Mountain City, NV	13175000	350	1913-14,
Owyhee River near Owyhee, NV	13175500	380	1927-49 1914-26
Owyhee River above China Diversion Dam near Owyhee, NV	13176000	458	1939-84
Jack Creek below Schoonover Creek near Tuscarora, NV	13176900	19.8	1962-69
Jack Creek near Tuscarora, NV	13177000	31.0	1913-25
South Fork Owyhee River at Spanish Ranch near Tuscarora, NV	13177200	330	1959-74
South Fork Swyfice River at Spanish Rahen fleat Tuscarota, IVV	131//200	330	1/3/-17

DISCONTINUED SURFACE-WATER QUALITY STATIONS

The following surface water-quality sites have been discontinued. Water-quality data were collected and published for the period of record expressed in water years, shown for each station. Abbreviations: CH, chemical; TE, temperature; SE, sediment; BI, biological.

			Period of
Station name	Station number	Type of data	record (water years)
Virgin River at Bloomington, UT Virgin River above I15 Rest Area near Littlefield, AZ Virgin River below I15 Rest Area near Littlefield, AZ Virgin River at Mouth of Narrows near Littlefield, AZ Virgin River at Mesquite, NV Virgin River at Riverside, NV	09413300 09413600 09413650 09413800 09415090 09415190	CH, TE, SE, BI CH, TE, SE, BI CH, TE, SE, BI CH, TE, SE, BI CH, TE, SE CH, TE, SE	1978-80 1977-80 1977-80 1977-80 1992-93 1974-75, 1992-95
Virgin River below Riverside, NV Virgin River above Halfway Wash near Riverside, NV	09415200 09415230	CH, TE, BI CH, TE, SE, BI	1992-93 1969-74 1909, 1978-86, 1992-95
Pahranagat Wash near Moapa, NV Pahranagat Wash below Arrow Canyon near Moapa, NV Muddy River near Moapa, NV	09415850 09415852 09416000	CH, TE, SE CH, TE, SE CH, TE, SE	1992-93 1991-93 1991-93 1977-78, 1989-94
Muddy River at Weiser Ranch near Moapa, NV Meadow Valley Wash near Caliente, NV	09417400 09418500	CH, TE CH, TE	1992 1977-84, 1990
Meadow Valley Wash below Lyman Crossing Meadow Valley Wash below Hoya Siding near Rox, NV Meadow Valley Wash 1.1 Miles above Rox, NV Meadow Valley Wash Seep West Side RR .6 Miles above Rox Meadow Valley Wash above Rox, NV Meadow Valley Wash near Rox, NV Meadow Valley Wash below Farrier Wash near Rox, NV	09418670 09418685 09418690 09418692 09418693 09418700 09418750	CH, TE CH, TE CH CH, TE CH, TE CH, TE, SE CH, TE, SE	1990-91 1992-93 1992-93 1990-93 1988-94 1990,
Muddy River near Glendale, NV Muddy River near Overton, NV Muddy River at Overton NV Muddy River below Overton, NV Muddy River above Lake Mead near Overton, NV	09419000 09419500 09419505 09419510 09419515	CH, TE CH CH, TE CH, TE, BI CH, TE, SE, BI	1993 1977-83 1977 1992 1970-74 1973, 1979-93
Las Vegas Wash above Detention Basin near North Las Vegas, NV	09419648	CH, TE, SE	1989, 1981-93
Las Vegas Wash at Vegas Valley Drive near Las Vegas, NV Las Vegas Wasteway near East Las Vegas, NV	094196784 09419679	CH, TE, SE, BI CH, TE, SE	1992 1979-80,
Las Vegas Wash near Henderson, NV	09419700	CH, TE, SE, BI	1994 1970-92, 2000-02
Las Vegas Wash below Henderson, NV Las Vegas Wash above Three Kids Wash below Henderson, NV	09419750 09419753	CH, TE, BI CH, TE	1970-73 1988-92, 1995
Las Vegas Wash below Lake Las Vegas below Henderson, NV Las Vegas Wash near Boulder City, NV	09419790 09419800	CH, TE, SE CH, TE, SE, BI	1993-95 1969-85, 1992,
Lake Mead near Las Vegas Beach, NV	09420900	CH, TE	2000-02 1973-83, 1985
Lake Mead at Saddle Island, NV	09420950	CH, TE	1973-83, 1985
Colorado River at Willow Beach, AZ Colorado River below Davis Dam, NV-AZ	09421900 09423000	CH, TE CH, TE, SE, BI	1992 1969-87, 1992
Colorado River Lagoon North of Riviera, AZ	09423050	CH, TE	1973-85, 1987-92
Colorado River below Lagoon North of Riviera, AZ	09423060	CH, TE	1987-92 1973-85, 1987-90
Thousand Springs Creek near Wilkins, NV Thousand Springs Creek above Toano Draw near Shores, NV Thousand Springs Creek hear Shores, NV Thousand Springs Creek below Toano Draw near Shores, NV Thousand Springs Creek below Toano Draw near Shores, NV Rock Spring Creek near Shores, NV Thousand Springs Creek near Tacoma, NV Thousand Springs Creek near Tacoma, NV Thousand Springs Creek above Eighteen Mile Canyon near Montello, NV Crittenden Springs above Crittenden Reservoir near Montello NV	10172907 1017290840 1017290880 1017290885 1017290890 1017290950 10172910 101729130	CH, TE	1985-90 1986 1985-87 1987-90 1986 1986 1987 1986 1985-87, 1985-87,
Thousand Springs Creek below Crittenden Creek near Montello, NV Thousand Springs Circle and Montello CNM (r)-0.5(Shor)-15.7(es,)-7.8()1A15.2(n)-15. Leousan V(t) n63(0)215)-15.91.aMontrEMo T	1017291190 4(tre) 10.⊡(₫)-11 ≸u9	CH, TE CH, TE	1985-86 198329 0

DISCONTINUED SUNTACE WATER-QUALITY ST		-	Period of
Charles and a second	Ctation manufact	T of 1-4-	record
Station name Illipah Creek Tributary near Hamilton, NV	Station number 10245450	Type of data CH, TE	(water years)
Pine Creek near Belmont, NV	10245430	CH, TE	1969,
Mosquito Creek near Belmont, NV Stoneberger Creek near Austin, NV Lower Currant Creek near Currant, NV	10245910 10245925 10246846	CH, TE CH, TE CH, TE	1979-84 1979-84 1979-84 1977-81
Willow Creek near Warm Springs, NV McClusky Creek near Austin, NV	10249190 10249200	CH, TE CH. TE	1979-84 1978-81
Kingston Creek below Cougar Canyon near Austin, NV	10249280	CH, TE	1977-84
North Twin River near Round Mountain, NV South Twin River near Round Mountain, NV	10249295 10249300	CH, TE, SE, BI CH, TE, SE, BI	1986 1967-96
Chiatovich Creek near Dyer, NV	10249900	CH, TE, SE, BI	1974-82, 1987-88, 1990
Amargosa River at Highway 95 below Beatty, NV Amargosa River near Beatty, NV	10251218 10251220	CH, TE CH	1993 1993
Unnamed Tributary-Stockade Wash near Rattlesnake Ridge, NTS, NV Stockade Wash at Airport Road, NTS, NV	10251248 102512484	CH, TE CH, TE	1992-93 1993
Yucca Wash near Mouth, Nevada Test Site, NV	10251252	CH, TE	1993
Pagany Wash Number 1, NTS, NV Cane Spring Wash Tributary below Skull Mountain, NTS, NV	102512533 102512654	CH, TE CH, TE	1993 1993
Amargosa River near Eagle Mountain below Death Valley Junction, CA Robinson Creek at Twin Lakes Outlet near Bridgeport, CA	10251280 10290500	CH, TE CH. TE	1993 1994-95
Buckeye Creek near Bridgeport, CA	10290500	CH, TE, SE	1977-79,
East Walker River near Bridgeport, CA	10293000	CH, TE, BI	1995 1959-71, 1973-85, 1994-95
East Walker River above Strosnider Drive near Mason, NV	10293500	CH, TE	1977-80,
West Walker River at Highway 108 Bridge below Pickel Meadow, CA	10295300	TE, SE	1994-95 1995
Little Walker River near Bridgeport, CA	10295500	CH, TE, SE	1977-85, 1990, 1995
West Walker River below Little Walker River near Coleville, CA	10296000	CH, TE, SE	1961-66, 1969-71, 1973-80, 1987-88, 1990,
West Walker River near Coleville, CA	10296500	СН, ТЕ	1994-95 1977-84, 1994-95
West Walker River above Topaz Lake at Topaz, CA	10296650	CH, TE	1990-96
Topaz Lake near Topaz, CA West Walker River at Hoye Bridge near Wellington, NV	10297000 10297500	CH, TE CH, TE	1994 1977-96
West Walker River near Hudson, NV	10300000	СН, ТЕ	1977-80, 1982,
Walker River near Mason, NV	10300600	CH, TE	1994-95 1977-84
East Drain above Mason Valley Wildlife Management Area near Yerington, NV	10301180	CH, TE	1994
Perk Slough at Mason Valley Wildlife Management Area Boundary near Wabuska, NV West Branch Spragg-Alcorn-Bewley Ditch at Sierra Way near Wabuska, NV	10301280 10301470	CH, TE CH, TE	1994 1994
Wabuska Drain at Sierra Way near Wabuska, NV Wabuska Drain above Confluence Walker River near Parker Butte near Wabuska, NV	10301480 10301495	CH, TE CH, TE	1994 1994
Walker River near Wabuska, NV	10301500	CH, TE, SE, BI	1969-95
Walker River above Weber Reservoir near Schurz, NV	10301600	СН, ТЕ	1976-81, 1994
Weber Reservoir near Schurz, NV Walker River below Weber Reservoir near Schurz, NV	10301700 10301710	CH, TE CH, TE	1994 1977-80
Walker River above Canal 1-2 Diversion Weir near Schurz, NV Walker River at Little Dam Weir above Schurz, NV	10301740 10301750	CH, TE CH, TE	1994 1977-81
Lateral 1A above Highway 95 at Schurz, NV	10301765	CH, TE	1994-95
Lateral 2A at Takeout near Schurz, NV Lateral 2D below Schurz, NV	10301770 10301780	CH, TE CH, TE	1994-95 1994
Walker River at Schurz, NV Walker River at Lateral 2-A Siphon near Schurz, NV	10302000 10302002	CH, TE CH, TE, SE	1994-95 1994-95
Walker River at Powerline Crossing near Schurz, NV	10302005	CH, TE, SE	1994-95
Walker River near Mouth at Walker Lake, NV East Fork Carson River Below Markleeville Creek near Markleeville, CA	10302025 10308200	CH, TE CH, TE, SE, BI	1994-95 1966-70,
			1977-81, 1992, 1998
East Fork Carson River above Bryant Creek near Gardnerville, NV	10308525	CH, TE, SE	1998
Leviathan Creek above Mine near Markleeville, CA Leviathan Mine Tunnel Spring near Markleeville CA	10308783 10308784	CH, TE CH, TE	1980-82 1980-82
Leviathan Mine Pit Flow near Markleeville, CA Leviathan Mine Waste Flow near Markleeville, CA	10308785 10308786	CH, TE CH, TE	1980-82 1980-82
Leviathan Mine Seep below Crusher near Markleeville, CA Leviathan Creek below Delta near Markleeville, CA	10308787 10308788	CH, TE CH, TE	1981-82 1981-82
Leviathan Creek below Mine near Markleeville, CA	10308790	CH, TE	1980-82
Bryant Creek below Mountaineer Creek near Markleeville, CA Bryant Creek near Gardnerville, NV	10308794 10308800	CH, TE, SE CH, TE,	1982, 1998 1979, 1982
Bryant Creek above East Fork Carson River near Gardnerville, NV	10308875	CH, SE CH, TE, SE	1998 1998
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			Period of record
Station name	Station number	Type of data	(water years)
East Fork Carson River below Bryant Creek near Gardnerville, NV	10308900	CH, TE, SE	1998
East Fork Carson River near Gardnerville, NV	10309000	CH, TE, CH, TE, SE	1977 1978-80,
		CH, TE	1981-84, 1987-96
East Fork Carson River near Dresslerville, NV	10309010	CH, TE, SE, BI	1993-95, 1996, 1998
East Fork Carson River at Riverview Drive Bridge near Dresslerville, NV	10309089	CH, TE, SE	1998
East Fork Carson River at Minden, NV	10309100	CH, TE, BI	1977-84, 1994-95
West Fork Carson River above Woodfords, CA West Fork Carson River at Woodfords, CA	10309500 10310000	BI CH, TE, SE	1994-95 1961-84,
			1987-88, 1990, 1994
West Fork Carson River at Paynesville, CA	10310200 10310355	CH, TE, BI	1992-97 1990-91
West Fork Carson River near Dresslerville, NV West Fork Carson River at Muller Lane near Minden, NV	10310353	CH, TE BI	1994-95
Daggett Creek near Genoa, NV Carson River at Genoa, NV	10310400 10310405	CH,TE CH, TE	1981 1977-81
Carson River at Cradlebaugh Bridge near Genoa, NV	10310450	CH, TE, SE	1983,
Clear Creek near Carson City, NV	10310500	CH, TE CH, TE	1988 1987-89,
Carson River at McTarnahan Bridge near Carson City, NV	10310800	СН	1996-97 1992
Carson River near Carson City, NV	10311000	CH, TE, SE, BI	1977-84, 1990-97
North Fork Kings Canyon Creek near Carson City, NV	10311090	CH	1996-97
Kings Canyon Creek near Carson City, NV	10311100	СН, ТЕ	1977-84, 1996-97
Ash Canyon Creek near Carson City, NV	10311200	CH, TE	1977-84, 1996-97
Eagle Valley Creek at Carson City, NV Carson River at Deer Run Road near Carson City, NV	10311300 10311400	SE CH, TE, SE	1997 1979-84,
Carson River at Deer Run Road near Carson City, 117	10311400	C11, 1L, 5L	1993-95,
Carson River at Dayton, NV	10311700	CH, TE, SE, BI	1998-99 1994-95,
Gold Canyon Creek at Dayton, NV	10311710	CH, TE, SE	1997-98 1998
Carson River below Dayton, NV	10311715	CH, TE, SE	1998-99
Six Mile Canyon Creek at Highway 50 near Dayton, NV Carson River at Chaves Ranch near Clifton, NV	10311725 10311860	CH, TE, SE CH, TE, SE	1998 1998-99
Carson River 2.8 miles below Highway 95 near weeks, NV	10312025	CH, TE, SE	1998
Carson River near mouth at Lahontan Reservoir, NV Carson River Diversion Dam Outflow at V-Canal near Fallon, NV	10312030 10312155	CH, TE, SE CH, TE, SE	1998 1998
Sheckler Reservoir at Outlet near Fallon, NV	10312165 10312167	CH, TE, SE CH, TE	1986-88 1988
Upper Westside Drain at Candee Lane near Fallon, NV Holmes Drain at Gage near Fallon, NV	10312107	CH, TE CH, TE	1987-89,
G-line Extension on Drain at US 95 near Fallon, NV	10312171	СН, ТЕ	1994 1987-89
Sheckler Drain at St. Clair Road near Fallon, NV South Branch Carson River at St. Clair Road near Fallon, NV	10312172 10312173	CH, TE CH, TE	1988 1988
Harrigan Road Drain above Upper Diagonal Drain near Fallon, NV	10312176	CH, TE	1988
"L" Drain above Diagonal Drain near Fallon, NV Carson Lake Drain above Carson Lake near Fallon, NV	10312178 10312180	CH, TE CH, TE, SE, BI	1988 1986-87,
Carson Lake Drain above Carson Lake fear Failon, 144	10312100	C11, 1L, 5L, B1	1989,
Pasture Road Drain above Diagonal Drain near Fallon, NV	10312181	CH, TE	1994-97 1988
Lower Diagonal Drain at Pasture Road near Fallon, NV	10312182	CH, TE, SE, BI	1988, 1994-97
"L" Drain above Lee Drain near Fallon, NV	10312183	CH, TE, BI, SE	1987-89, 1994-97
L 12 Canal above Macari Lane near Fallon, NV	1031218750	CH, TE, SE	1995-96
Lower Diagonal Drain at Highway 50 near Fallon, NV	10312190	СН, ТЕ	1986-88, 1995
Lower Diagonal Drain at Gage near Stillwater, NV S-Line Reservoir Outflow near Fallon, NV	10312200 1031220120	CH, TE CH, TE. SE	1988 1998
Harmon Reservoir Outflow near Fallon, NV	1031220130	CH, TE. SE	1998
New River Canal below New River Slough near Stillwater, NV Stillwater Point Diversion Drain near Stillwater, NV	10312206 10312215	CH, TE CH, TE, SE	1988 1986-90
Stillwater East-West Canal below Outlet near Stillwater, NV	10312216	CH, TE, SE	1988, 1998
Stillwater Slough Cutoff Drain near Stillwater, NV	10312220	CH, TE, SE	1971, 1977-78,
			1986, 1996, 1998
D-Line Canal at Sagouspe Dam near Fallon, NV	10312256	CH, TE, SE	1998
D-Line Canal below East Lake near Stillwater, NV Carson River at Tarzyn Road near Fallon, NV	10312267 10312275	CH, TE, SE CH, TE, SE	1987-89 1992-95,
Dixie Creek above South Fork Humboldt River near Elko, NV	10320100	SE	1998 1990-96
Fish Creek near Battle Mountain, NV	10326800	CH, TE	1977-84
Humboldt River near Golconda, NV North Fork Little Humboldt River near Paradise Valley, NV	10327800 10328450	CH, TE CH, TE	1990-91 1977-82
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DISCONTINUED SURFACE WATER-QUALIT	1 31A11ON3Continued	1	Period of
			record
Station name	Station number	Type of data	(water years)
South Fork Little Humboldt River near Paradise Valley, NV Little Humboldt River below Chimney Dam near Paradise Valley, NV	10328475 10328500	CH, TE CH, TE	1978-82 1978,
Little Humboldt River near Paradise Valley, NV	10329000	CH, TE	1980-82 1977-84
Martin Creek near Paradise Valley, NV	10329500	CH, TE	1977-84
Cottonwood Creek near Paradise Valley, NV Humboldt River near Humboldt, NV	10330000 10333500	CH, TE, SE CH, TE	1977 1971
Rye Patch Reservoir near Rye Patch, NV	10334500	CH, TE	1990-91
Lovelock Drain above Graveyard Drain near Lovelock, NV	10335750 10336150	CH, TE CH, TE	1990-91
Bradys Hot Springs Creek at Road Crossing at Bradys Hot Springs, NV Big Meadow Creek above Highway 89, CA	103365932	CH, TE, SE	1988 1996-97
Upper Truckee River at mouth - east channel	103366117	CH, TE, SE	1996-97
Taylor Creek at Highway 89 near Camp Richardson Blackwood Creek below North Fork Blackwood Creek near Tahoe City, CA	10336628 103366594	CH, TE, SE CH, TE, SE	1998 1989
Blackwood Creek at Blackwood Canyon Road near Tahoe City, CA	103366596	CH, TE, SE	1989
First Creek above Len Way near Incline Village, NV	10336683 10336685	CH CH, TE, SE	1980 1980-81
First Creek above Dale Drive near Incline Village, NV Dale Drive Ditch at First Creek near Incline Village, NV	10336686	CH, TE, SE CH, TE, SE	1980-81
Dale Drive Ditch near Incline Village, NV	10336687	CH, TE, SE	1980-81
First Creek near Crystal Bay, NV	10336688	CH, TE, SE	1970-73, 1991-2002
Second Creek near Crystal Bay, NV	10336690	CH, TE, SE	1970-73
West Fork Second Creek at Lakeshore Drive near Crystal Bay	103366905	CH, TE, SE	1995-97, 2000
Second Creek at Lakeshore Drive near Crystal Bay, NV	10336691	CH, TE, SE	1991-2001
Burnt Creek at Lakeshore Drive at Incline Village, NV	103366913	CH, TE, SE	2000
Wood Creek above Jennifer Street near Incline Village, NV Wood Creek near Crystal Bay, NV	10336692 10336693	CH, TE, SE CH, TE, SE	1991-2001 1970-73
Wood Creek at mouth near Crystal Bay, NV	10336694	CH, TE, SE	1970-73,
Third Crook holow Unnomed Tributery poor Incline Village MV	103366958	CH, TE, SE	1991-2002
Third Creek below Unnamed Tributary near Incline Village, NV	105500958	CH, IE, SE	1989, 1991-2001
Third Creek at Incline Village, NV	10336696	CH, TE, SE	1970-73
Third Creek at Village Boulevard at Incline Village, NV	103366965	CH, TE, SE	1989, 1991-2000
Third Creek at Highway 28 at Incline Village, NV	10336697	CH, TE, SE	1989
Incline Creek Tributary at Country Club Drive near Incline Village, NV	103366997	CH, TE, SE	1989,
Incline Creek Tributary at Highway 28 at Incline Village, NV	103366999	CH, TE, SE	1991-2002 1989-90
Marlette Creek near Carson City, NV	10336715	CH, TE	1977-84,
Glenbrook Creek at US 50 near Glenbrook, NV	10336720	CH, TE, SE	1990-91 1989
Glenbrook Creek at Old Highway 50 near Glenbrook, NV	10336725	CH, TE, SE	1972-74,
			1989, 91, 2000
North Logan House Creek at Highway 50 near Glenbrook, NV	10336735	CH, TE, SE	1991-2002
Logan House Creek at Lake Tahoe near Glenbrook, NV	10336745 10336748	CH, TE, SE CH, TE, SE	1989 2001-02
Burke Creek above mouth near Stateline, NV Edgewood Creek below South Benjamin Drive near Daggett Pass, NV	10336750	CH, TE, SE CH, TE, SE	1989,
· · · · · · · · · · · · · · · · · · ·	1000/75/	CIL TEL CE	1991-2002
Edgewood Creek Tributary near Daggett Pass, NV	10336756	CH, TE, SE	1981-83, 1991-2001
Tributary of Edgewood Creek Tributary near Tahoe Village, NV	10336757	CH, TE, SE	1982-83
Edgewood Creek Tributary at Highland Drive near Tahoe Village, NV Edgewood Creek at Palisades Drive near Kingsbury, NV	10336758 103367585	CH, TE, SE CH, TE, SE	1981-83 1990-2002
Sediment Catchment Basin near Tahoe Village, NV	103367595	CH, TE, SE	1985
Edgewood Creek below Highway 50 near Stateline, NV	10336761	CH, TE, SE	1984-85,
Edgewood Creek at Lake Tahoe near Stateline, NV	10336765	CH, TE, SE	1989, 1992 1984-85,
			1989-2002
Truckee River at Tahoe City, CA Squaw Creek at Squaw Valley Road at Squaw Valley, CA	10337500 10337850	CH, TE CH, TE	1991-93 1980
Squaw Creek at Highway 89, near Squaw Valley, CA	10337855	CH, TE	1991-92
Truckee River Tributary near Truckee, CA	10337900	CH, TE	1991
Truckee River near Truckee, CA Truckee River above Donner Creek, near Truckee, CA	10338000 10338010	CH, TE CH	1992 1991
Donner Creek at Donner Lake near Truckee, CA	10338500	CH, TE	1980
Donner Creek near Truckee, CA Donner Creek at Mouth, near Truckee, CA	10339000 10339003	CH, SE CH, TE	1980 1991-92
Truckee River at Highway 267, at Truckee, CA	10339010	CH, TE	1980,
Martia Crook at Highway 267 noor Truskaa CA	10339250	CH TE SE	1991-92 1973-86
Martis Creek at Highway 267 near Truckee, CA Martis Creek near Mouth, at Truckee River near Truckee, CA	10339405	CH, TE, SE CH, TE	1975-86
			1991-92
Truckee River above Prosser Creek near Truckee, CA Truckee River at Old US 40 Bridge, below Truckee, CA	10339419 10339498	CH, TE CH, TE	1994-98 1980,
·			1991-92
Prosser Creek below Prosser Creek Dam, CA Little Truckee River below Boca Dam near Truckee, CA	10340500 10344500	TE TE	1993-98 1993-98
Truckee River at Boca Bridge near Truckee, CA	10344505	CH, TE	1980
Truckee River near Hirschdale Dump near Hirschdale, CA	10344992	CH, SE	1980
Truckee River below Hirschdale Dump near Hirschdale, CA	10344993	CH, SE	1980

			Period of
Station name	Station number	Type of data	record (water years)
Truckee River at Floriston Dam, near Floriston, CA	10345909	CH, TE	1980,
Truckee River below Farad Powerhouse at Farad, CA Truckee River at Farad, CA	10345980 10346000	CH, TE CH, TE, SE, BI	1991-92 1992 1960-61, 1967-81,
Truckee River near Essex, NV Truckee River at Crystal Peak Park at Verdi, NV Dog Creek at Verdi, NV Truckee River at Bridge Street Bridge at Verdi, NV Truckee River below Viking Plant near Verdi, NV Truckee River near Verdi, NV Truckee River near Verdi, NV Truckee River Intragravel near Verdi, NV Truckee River near Mogul, NV Hunter Creek Reservoir Drain at Mayberry Drive at Reno, NV Truckee River at Circle Creek Ranch near Reno, NV Truckee River at Mayberry Drive below Lawton, NV	10347000 10347050 10347310 10347320 10347335 10347336 1034737 10347460 10347615 10347640 10347690	BI CH, TE, BI CH, TE CH, TE CH, SE CH, TE, SE CH, TE CH, TE CH, TE CH, TE CH, TE	1992-98 1994-95 1980 1991 1980, 1992 1980 1980 1980 1980 1992 1992 1992 1992 1979-80,
Truckee River at Idlewild Park at Reno, NV	10347705	CH, TE, BI	1992, 1994-95
Peavine Creek near Reno, NV	10347800	CH, TE, SE	1967, 1969-71,
Truckee River in Wingfield Park at Reno, NV Highland Plant Spill at Arlington Bridge at Reno, NV Truckee River at Reno, NV	10347861 10347870 10348000	CH, SE CH, TE CH, TE, SE, BI	1973-74 1980 1992 1977-84, 1989-94,
Truckee River near Sparks, NV	10348200	CH, TE, SE, BI	1996-98 1979-80,
Truckee River Intragravel near Sparks, NV Orr Ditch above Spanish Springs Valley near Sparks, NV Orr Ditch at Spanish Springs Valley near Sparks, NV North Truckee Drain at Spanish Springs Road near Sparks, NV Franktown Creek near Carson City, NV Washoe Lake near Carson City, NV Little Washoe Lake near Steamboat, NV Galena Creek near Steamboat, NV Steamboat Creek at Steamboat, NV	10348201 10348215 10348220 10348245 10348460 10349980 10348800 10348900 10349300	CH, TE	1992-95 1980 1980 1995, 1998 1980, 1995 1977-84 1980-84 1980-83 1977-1984 1971,
Steamboat Creek below Steamboat Ditch at Steamboat, NV Boynton Slough above Boynton Lane near Reno, NV Dry Creek above Steamboat Ditch near Reno, NV Dry Creek at Huffaker Lane near Reno, NV Dry Creek at Boynton Slough near Reno, NV Pioneer Ditch at University Farms near Reno, NV FWM 31: Pioneer Ditch at Jones Ranch near Sparks, NV Steamboat Creek at Cleanwater Way near Reno, NV	10349490 10349880 10349910 10349920 10349960 10349975 10349979 10349980	CH, TE CH, TE CH, TE, SE CH, TE CH, TE CH, TE CH, TE CH, TE	1982-83 1980 1980 1995 1980 1980 1980 1980 1978-80,
Pioneer Ditch Return No. 2 below Kimlick Lane near Reno, NV Reno-Sparks STP Outfall near Reno, NV Reno-Sparks STP Outfall at Reno, NV Truckee River at Vista, NV	10349986 10349989 10349995 10350000	CH CH, TE CH, TE CH, TE, SE, BI	1992 1980 1979-80 1994-1998 1969, 1977-80, 1982-84,
Truckee River at Rest Area near Vista, NV Truckee River at Lockwood, NV	10350010 10350050	CH, TE CH, TE, SE, BI	1992-94 1992 1974-81, 1984, 1992,
Diversion to Grass Field at Lockwood, NV Return from Grass Field at Lockwood, NV Truckee River at Mustang Bridge No. 1 near Hafed, NV Truckee River at Patrick, NV	10350145 10350146 10350153 10350200	CH CH CH, TE CH, TE, BI	1994-95 1980 1980 1984, 1991 1979-80,
Diversion to Grass Pasture below Patrick, NV Return from Grass Pasture below Patrick, NV Truckee River below Tracy, NV	10350325 10350326 10350400	CH CH CH, TE, BI	1984, 1992 1980 1980 1979-80, 1982-84,
Truckee River at Derby Dam, NV Truckee Canal at US 95 alternate near Fernley, NV	10351000 10351320	CH, TE, BI CH, TE, BI	1992 1979-80 1979-80, 1988-89
Fernley Check Dam near Fernley, NV Fernley Drain at US 95-alternate near Fernley, NV "A" Drain at US 50-alternate near Fernley, NV Streiff Drain at US 50-alternate near Fernley, NV 'A' Drain at Powerline Crossing near Fernley, NV Truckee Canal at Allendale Check Dam near Hazen, NV Truckee Canal near Hazen, NV Truckee Canal at US 50 above Lahontan Reservoir, NV	10351322 10351335 10351345 10351353 10351356 10351367 10351400 10351590	CH, SE CH, TE CH, TE CH, TE, SE CH, TE, SE CH, TE, SE, BI CH, TE, SE, BI	1988-89 1988-89 1988-89 1988-89 1988-90 1980 1979

DISCONTINUED SURFACE WATER-QUALITY STATIONS--Continued

-			Period of
			record
Station name	Station number	Type of data	(water years)
Truckee River below Derby Dam near Wadsworth, NV	10351600	CH, TE, SE, BI	1978-80, 1983,
		_	1992-95
Truckee River at Painted Rock Bridge, NV	10351619	CH, TE, BI	1980, 1992
Diversion to Alfalfa Field at Wadsworth, NV Return from Alfalfa Field at Wadsworth, NV	10351643 10351644	CH, SE CH, SE	1980 1980
Herman Return near Wadsworth, NV	10351646	CH, TE, BI	1980
Truckee River at Old US 40 Bridge at Wadsworth, NV	10351648	CH, TE, SE, BI	1979-80, 1992
Truckee River below S-S Ranch near Wadsworth, NV	10351684	CH, TE	1980, 1992
Truckee River Intragravel below S-S Ranch near Nixon, NV	10351685	CH, TE	1980
Truckee River at Dead Ox Wash near Nixon, NV	10351690	CH, TE, SE, BI	1979-80, 1991-95
Truckee River Intragravel at Dead Ox near Nixon, NV	10351691	CH, TE	1980
Truckee River near Nixon, NV Truckee River at Numana Dam near Nixon, NV	10351700 10351725	CH, TE, SE, BI CH, SE	1960-98 1980
Truckee River at Highway 447 at Nixon, NV	10351729	CH, TE, SE, BI	1964, 1968,
			1978-80, 1988,
			1991-95
Truckee River at Marble Bluff Dam near Nixon, NV	10351775	CH, TE, BI	1979-80, 1992
Truckee River Fishway at Marble Bluff Dam near Nixon, NV	10351778	CH, TE, BI	1979
Truckee River below Marble Bluff Dam near Nixon, NV	10351780	CH, TE, SE	1979
Truckee River Delta at Pyramid Lake, NV Truckee River Delta at Pyramid Lake, NV	10351793 10351795	CH, SE SE	1980 1979
McDermitt Creek near McDermitt, NV	10351793	CH, TE, SE, BI	1975-84
East Fork Quinn River near McDermitt, NV	10353000	CH, TE	1977-81
Quinn River near McDermitt, NV	10353500	CH, TE, SE, BI	1977-86
Kings River near Orovada, NV Quinn River near Denio, NV	10353600 10353650	CH, TE CH, TE	1977-84 1978
Leonard Creek near Denio, NV	10353700	CH, TE	1977-83,
Mahagany Craak noon Symmit Laka MV	10252750	CILTE	1987-88
Mahogany Creek near Summit Lake, NV	10353750	CH, TE	1987-88, 1990
Smoke Creek at BM 4044 near Gerlach, NV	10353799	CH, TE	1990
Cottonwood Creek near Flanigan, NV Willow Spring Creek near Flanigan, NV	10353970 10353975	CH, TE CH, TE	1988 1988
Mullen Creek near Flanigan, NV	10353978	CH, TE	1988
Bruneau River at Rowland, NV	13161500	TE, SE	1977-84,
Jarbidge River below Jarbidge, NV	13162225	TE, SE	1988-2000 1988-2000
Owyhee River near Gold Creek, NV	13174500	CH, TE	1977-84
Owyhee River at Mountain City, NV	13175000	CH, TE	1985
Owyhee River above China Diversion Dam near Owyhee, NV South Fork Owyhee River near Whiterock, NV	13176000 13177800	CH, TE CH, TE	1977-85 1977-81
Las Vegas Bay Sample Site above Gypsum Wash	360748114520301		1992
Amargosa River near Evelyn, CA	361012116192801		1988
Carpenter Canyon Creek Carson Slough at Stateline Road near Death Valley Junction	361440115430901 361910116224201		1987-89 1988, 1993
Carson Slough at Spring Meadow Road at Ash Meadows, NV	362453116214501	CH	1988
212 S17 E60 05	362957115172001	CH, SE	1986
212 S16 E59 15 219 S14 E64 12	363406115213401 364357114460501		1986 1986
40-mile Wash at J-12	364551116233700		1984
Busted Butte Wash	364749116235100		1984
40-mile Wash at Road H 40-mile Wash above Drill Hole Wash	364904116234700 364908116234600		1984 1984
Drill Hole Wash at Mouth	364911116235200		1984
222 S12 E69 32	365105114180701	CH, SE	1986
Delirium Canal at Mouth	365513116222901		1993, 1995
Yucca Lake Pah Canyon above Mouth	365600116010000 365634116221501		1978 1993, 1995
Whiterock Creek	371209116075201		1973
Meadow Valley Wash above Delmues Spring	375140114191801		1985
Kawich Creek near Antler Kawich Creek above Weir	375731116253800 375736116252900		1985-86 1985-92
Kawich Creek near Big Seep	375736116255201		1985-92
Lost Hammer	375739116253100		1985
MVW above Eagle Canyon River Stream-Reveille V Ertec	380140114110901 380630116201901		1985 1981
Camp Creek	381437114150801		1985
Wilson Creek	381905114241201		1985
Creek near Upper Pony Spring	381917114383501		1985
B6-VFT-1/Ertec Big Sand Leviathan Creek 1200 Feet Upstream Site 10308783 above Leviathan Mine	383131116022401 384157119391301		1981 1998
Aspen Creek above Leviathan Mine near Markleeville, CA	384235119385001		1998
Desert Creek at State Highway 22, NV	384250119190000	CH, TE	1973
Aspen Creek above Leviathan Creek near Markleeville, CA Leviathan Creek above Aspen Creek near Markleeville, CA	384301119393001 384303119393901		1998 1998
Mountaineer Creek above Leviathan Creek near Markleeville, CA	384407119384101		1998
Leviathan Creek above Mountaineer Creek near Markleeville, CA	384407119384201		1998

DISCONTINUED SURFACE WATER-QUALITY STATIONS--Continued

Bryant Creek above Barney Riley Creek near Markleeville, CA Fredricksburg Canyon Little Currant Creek Swallow Canyon, below Swallow Canyon, above Luther Canyon Upper Angora Lake Sample Point near Angora Peak, CA 385 Fallen Leaf Lake Site 2 at Fallen Leaf, CA 286 East Stewart Creek at Trail 387 Last Stewart Creek above Weir 388 Jobs Canyon Monument Creek Culvert-Highway 50 Runoff into Upper Truckee-rb, downstream Highway 50, NV 387 Mott Canyon 388 Cascade Lake Sample Site near Center Culvert-Highway 50 runoff at Edgewood Creek-left bank, upstream, Highway 50, NV Edgewood Creek Tributary above Edgewood Clubhouse near Stateline, NV Edgewood Creek Minden Sewage Effluent Discharge to East Fork Carson River 388 Round Hill Sewage Effluent Discharge to East Fork Carson River 389 Round Hill Sewage Effluent Discharge to Williams Slough 380 Kahle Creek 381 Round Hill Sewage Effluent Discharge to Williams Slough 382 Water Canyon 383 Water Canyon 384 Water Canyon 385 Water Canyon 386 Genoa Creek at Genoa, NV 387 Genoa Canyon 387 Jephyr Creek 388 Water Canyon 389 Jephyr Creek 380 John 13 El 8 Oscae 1 John 13 El 8 Oscae 1 John 24 John 25 John 26 John 27 John 26 John 27		Type of data	Period of
Bryant Creek above Barney Riley Creek near Markleeville, CA Fredricksburg Canyon Little Currant Creek Swallow Canyon, below Swallow Canyon, above Luther Canyon Upper Angora Lake Sample Point near Angora Peak, CA 385 Fallen Leaf Lake Site 2 at Fallen Leaf, CA 286 East Stewart Creek at Trail 387 Last Stewart Creek above Weir 388 Jobs Canyon Monument Creek Culvert-Highway 50 Runoff into Upper Truckee-rb, downstream Highway 50, NV 387 Mott Canyon 388 Cascade Lake Sample Site near Center Culvert-Highway 50 runoff at Edgewood Creek-left bank, upstream, Highway 50, NV Edgewood Creek Tributary above Edgewood Clubhouse near Stateline, NV Edgewood Creek Minden Sewage Effluent Discharge to East Fork Carson River 388 Round Hill Sewage Effluent Discharge to East Fork Carson River 389 Round Hill Sewage Effluent Discharge to Williams Slough 380 Kahle Creek 381 Round Hill Sewage Effluent Discharge to Williams Slough 382 Water Canyon 383 Water Canyon 384 Water Canyon 385 Water Canyon 386 Genoa Creek at Genoa, NV 387 Genoa Canyon 387 Jephyr Creek 388 Water Canyon 389 Jephyr Creek 380 John 13 El 8 Oscae 1 John 13 El 8 Oscae 1 John 24 John 25 John 26 John 27 John 26 John 27	4505119384001 (4941119485101 (5004115212901 (Type of data	record
Frédricksburg Canyon Little Currant Creek Swallow Canyon, below Swallow Canyon, below Swallow Canyon, above Luther Canyon Upper Angora Lake Sample Point near Angora Peak, CA 38: Fallen Leaf Lake Site 2 at Fallen Leaf, CA East Stewart Creek at Trail 38: Last Stewart Creek above Weir 38: Jobs Canyon Monument Creek Culvert-Highway 50 Runoff into Upper Truckee-rb, downstream Highway 50, NV 38: Mott Canyon Cascade Lake Sample Site near Center Culvert-Highway 50 runoff at Edgewood Creek-left bank, upstream, Highway 50, NV Edgewood Creek Tributary above Edgewood Clubhouse near Stateline, NV Edgewood Creek Tributary above Edgewood Clubhouse near Stateline, NV Edgewood Creek Tributary above Edgewood Clubhouse near Stateline, NV Edgewood Creek Minden Sewage Effluent Discharge to East Fork Carson River 38: Round Hill Sewage Effluent Discharge to East Fork Carson River 38: Kahle Creek Round Hill Sewage Effluent Discharge to Williams Slough 38: Water Canyon 39: Genoa Creek at Genoa, NV Genoa Canyon 39: Jephyr Creek 39: NI 3 E18 O3cac 1 Sierra Canyon 39: Jephyr Creek 39: NI 18 E18 O3cac 1 Sierra Canyon 39: Jephyr Creek 39: NI 18 E18 O3cac 1 Sierra Canyon 39: Jephyr Creek 39: NI 18 E18 O3cac 1 Sierra Canyon 39: Jephyr Creek 39: Jeline Sewage Effluent Discharge to Carson River 19: Jer Lake Tahoe Sample Point at Homewood, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point At Homewood, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Thear Chambers Lodge, CA 10: Jeke Tahoe Sample Point Scharge	4941119485101 7 5004115212901 ((water years)
Truckee River above Bear Creek, near Alpine Meadows, CA Bear Creek at Mouth, near Alpine Meadows, CA Steptoe Creek Truckee River at Highway 89 Bridge, near Squaw Valley, CA Truckee River above Squaw Creek, near Squaw Valley, CA Truckee River below Squaw Creek near Squaw Valley, CA Truckee River below Squaw Creek near Squaw Valley, CA Silver Creek 200 feet above Mouth, near Squaw Valley, CA Silver Creek at Highway 89, near Squaw Valley, CA Truckee River Tributary 4 Miles Upstream Pole Creek near Squaw Valley, CA Lake Tahoe Sample Point at Kings Beach, CA Pole Creek at Mouth, near Squaw Valley, CA Campbell Creek, Smith Creek Valley Step Smith Creek Valley Cleve Creek Sear Creek at Mouth, near Squaw Valley, CA Sear Campbell Creek, Smith Creek Valley Sear Creek Smith Creek Valley	5033114205201 5133119483001 5133119483001 51345120040301 5256120040501 5318117213300 5323117213701 5537119502301 5553119504501 55545119505701 55618120053101 5758119564401 5803119560901 5814119475101 5816119560001 5824119480301 5824119480301 5824119480301 5824119480301 50002119505401 0003119505802 0028119565101 0000119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 0100119564701 010119505701 0223114514801 00426119460401 00427120082201 00444120090901 0523119493101 00618120021101 00618120021101 00744119563201 00954120103700 11033119540301 11036119422401 1108120113900 11251201114900 1135114414401 11146120115000 1252120121000 11359120012701 14030117313801 1430117313801 1446114285801	CH CH CH CH CH CH, TE SE CH, TE CH, T	1998 1981 1983 1983 1983 1983 1983 1981 1997-98 1998 1984-87 1986-92 1981 1997 1995-97, 2000 1992, 1994 1987 1980 1980 1987 1980 1987 1983 1957, 1976 1981 1987 1983 1957, 1976 1981 1987 1988 1987 1988 1987 1988 1987 1988 1987 1988 1997 1980 1997-98 1997 1980 1997-98 1997-1980 1997-92 1991-92 1991-92 1991-92 1991-92 1991-92 1991 1997 1991 1997 1991 1997 1991 1997 1991 1997 1991 1991 1997 1991 1991 1997 1991 1991 1991 1997 1991 1991 1991 1997 1991 1991 1991 1991 1997 1991 1992 1991 1991 1991 1991 1991 1992 1991 1991 1991 1991 1991 1991 1992 1991 1991 1991 1992 1991 1991 1992 1991 1991 1991 1992 1991 1993 1994 1997 1998 1997 1991 1991 1991 1991 1991
Lake Tahoe Sample Point at Kings Beach, CA Pole Creek at Mouth, near Squaw Valley, CA Campbell Creek, Smith Creek Valley Peterson Creek, Smith Creek Valley Cleve Creek Unnamed Tributary RB Upstream Deep Creek, near Truckee, CA Deep Creek above Mouth, near Truckee, CA Truckee River above Rocky Wash, near Truckee, CA Rocky Wash at Mouth, near Truckee, CA Cabin Creek at Highway 89, near Truckee, CA Upper Illipah Creek 391 392 393 394 395 396 397 397 397 398 399 399 399 399 399 399 399 399 399	1359120012701 1402120122100 1426117394601 1430117313801 1446114285801 1513120123400 1529120123300 1551120123200 1557120123200 1642120122100 1654115232401	CH, TE CH, TE CH, TE CH, TE CH, TE CH, TE CH CH, TE CH, TE CH, TE CH CH, TE CH CH, TE CH, TE	1991-92 1982 1982 1983 1991 1991-92 1991 1991 1991-92 1983
Upper Illipah Creek Carson River at Weeks, NV Truckee River below Donner Creek near Truckee, CA Truckee River above Trout Creek, near Truckee, CA Truckee River at Mouth, near Truckee, CA Truckee River at Polaris, near Truckee, CA Carson Lake 1 on Pasture Road near Carson Lake, NV Lower Illipah Creek Union Valley Creek at Mouth, near Truckee, CA Juniper Creek at Mouth, near Hirschdale, CA Truckee River below Juniper Creek, near Hirschdale, CA Truckee River below Juniper Creek, near Hirschdale, CA Truckee River below Prosser Creek, near Truckee, CA Gray Creek at Mouth, near Truckee, CA 392 Gray Creek at Mouth, near Truckee, CA 393 Gray Creek at Mouth, near Truckee, CA 394 Gray Creek at Mouth, near Floriston, CA 395	1654115232401 1735119150200 1859120115600 1950120100200 1956120095200 2018120080300 2118115201201 2133120064000 2152120041700 2152120041400 2210118463301 2213120065800	CH, TE CH, TE, SE CH, TE	

Station name	-			D 1 - £
L-drain at Pasture Road near Depp Lane near Fallon, NV 392310118432601 CH, TE 1995				Period of
L-drain at Pasture Road near Depp Lane near Fallon, NV Unnamed Drain at Berney and Pasture Roads near Fallon, NV 392310118432601 CH, TE 1995 Steamboat Ditch above Thomas Creek near Reno, NV 392437119474701 CH, TE, SE, BI 1993-95 Upper West Side Drain at Solias Road near Fallon, NV 392557118474701 CH, TE, SE, BI 1995 Lower Diagonal Drain No I at US 50 near Fallon, NV 392555118394901 CH, TE 1995 Canyon 24 at Mouth, near Floriston, CA 392555120014800 CH, TE 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392555120014800 CH, TE, SE, BI 1993-95 Last Chance Ditch at Thomas Creek Road near Reno, NV 392637119465 CH, TE, SE, BI 1993-95 Puny Dip Canyon at Mouth, near Floriston, CA 39255612001300 CH, TE 1991 Sheckler Drain at US 50 near Fallon, NV 392643118501 CH, TE, SE, BI 1995 New River Drain at US 50 near Fallon, NV 392643118501 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 3927061200010 CH, TE 1995 New River Drain at US 50 near Fallon, NV 392770119470301 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 392770119470301 CH, TE, SE, BI 1993-95 Last Chance Ditch at Davis Lane near Reno, NV 3927720119470301 CH, TE, SE, BI 1993-95 Last Chance Ditch at Davis Lane near Reno, NV 392731119480801 CH, TE, SE, BI 1993-95 New River Drain at Harrigan Road near Fallon, NV 392734119480801 CH, TE, SE, BI 1993-95 New River Drain at Harrigan Road near Fallon, NV 3928711840000 CH, TE 1995 Harmon Drain at Stuart Road near Fallon, NV 392871184000 CH, TE 1995 Harmon Drain at Stuart Road near Fallon, NV 3928871184000 CH, TE 1995 Harmon Drain at Stuart Road near Fallon, NV 3928871184000 CH, TE 1995 Harmon Drain at Stuart Road near Fallon Road near Fallon NV 3932401184000 CH, TE 19				
Unnamed Drain at Berney and Pasture Roads near Fallon, NV 392410118432801 CH, TE 1995 Steamboat Ditch above Thomas Creek near Reno, NV 392537119474701 CH, TE, SE, BI 1995 Upper West Side Drain at Solias Road near Fallon, NV 392553118301101 CH, TE 1995 Canyon 24 at Mouth, near Floriston, CA 392555120014800 CH, TE 1991 Mystic Canyon Creek at Mouth, near Floriston, CA 392556120013000 CH, TE 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392612119471801 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 39263119465601 CH, TE, SE, BI 1993-95 Puny Dip Canyon at Mouth, near Floriston, CA 392639120002600 CH, TE 1991 Sheckler Drain at US 50 near Fallon, NV 392646118401601 CH, TE 1995 New River Drain at US 50 near Fallon, NV 392760119470010 CH, TE 1995 Dry Creek Diversion above Huffaker Lane near Reno, NV 392771194700010 CH, TE, SE, BI 1993-95 Dey Creek below Huffaker Lane near Reno, NV 39277119470010 CH, TE, SE, BI 1993-95 Steamboat Ditch near Fallon	Station name	Station number	Type of data	(water years)
Steamboat Ditch above Thomas Creek near Reno, NV 392537119474701 CH, TE, SE, BI 1995 Lower Diagonal Drain No 1 at US 50 near Fallon, NV 3925531183904901 CH, TE 1995 Lower Diagonal Drain No 1 at US 50 near Fallon, NV 3925531183904901 CH, TE 1995 Mystic Canyon Creek at Mouth, near Floriston, CA 3925556120013000 CH, TE 1991 Mystic Canyon Creek at Mouth, near Floriston, CA 392556120013000 CH, TE 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392637119405601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392643118501201 CH, TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392706120001500 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392706120001500 CH, TE 1991 CH, CTE, SE, BI 1993-95 CH, CTE, SE, BI 1993-95 CH, CTE, SE, BI 1993-95 CTE, SE, BI CTE, SE, BI 1993-95 CTE, SE, BI CTE, SE, BI CTE, SE, BI	L-drain at Pasture Road near Depp Lane near Fallon, NV	392310118432601	CH, TE	1995
Steamboat Ditch above Thomas Creek near Reno, NV 392537119474701 CH, TE, SE, BI 1995 Lower Diagonal Drain No 1 at US 50 near Fallon, NV 3925531183904901 CH, TE 1995 Lower Diagonal Drain No 1 at US 50 near Fallon, NV 3925531183904901 CH, TE 1995 Mystic Canyon Creek at Mouth, near Floriston, CA 3925556120013000 CH, TE 1991 Mystic Canyon Creek at Mouth, near Floriston, CA 392556120013000 CH, TE 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392637119405601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392643118501201 CH, TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392706120001500 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392706120001500 CH, TE 1991 CH, CTE, SE, BI 1993-95 CH, CTE, SE, BI 1993-95 CH, CTE, SE, BI 1993-95 CTE, SE, BI CTE, SE, BI 1993-95 CTE, SE, BI CTE, SE, BI CTE, SE, BI	Unnamed Drain at Berney and Pasture Roads near Fallon, NV	392410118432801	CH, TE	1995
Upper West Side Drain at Solias Road near Fallon, NV 392552118801101 CH, TE 1995 Lower Diagonal Drain No 1 at US So near Fallon, NV 392553118394901 CH, TE 1995 Canyon 24 at Mouth, near Floriston, CA 392555120014800 CH, TE 1991 Mystic Canyon Creek at Mouth, near Floriston, CA 3925512019471801 CH, TE, SE, BI 1993-95 Last Chance Ditch at Thomas Creek Road near Reno, NV 39263119471801 CH, TE, SE, BI 1993-95 Pury Dip Canyon at Mouth, near Floriston, CA 392639120002600 CH, TE 1991 Sheekler Drain at St. Clair Road near Fallon, NV 392646118401601 CH, TE 1995 New River Drain at US 50 near Fallon, NV 392706120001500 CH, TE 1995 Truckee River above Pleish Power Diversion, near Verdi, NV 392706120001500 CH, TE 1995 Truckee River above Pleish Power Diversion, near Verdi, NV 39270119470100 CH, TE, SE, BI 1995 Truckee River above Pleish Power Diversion, near Verdi, NV 39270119470101 CH, TE, SE, BI 1995 Dry Creek below Huffaker Lane near Reno, NV 39270119470100 CH, TE, SE, BI 1991 <td< td=""><td></td><td></td><td></td><td>1993-95</td></td<>				1993-95
Lower Diagonal Drain No 1 at US 50 near Fallon, NV 39255311839490 CH, TE 1995 Canyon Creek at Mouth, near Floriston, CA 39255512001300 CH, TE 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Chance Ditch at Holcomb Lane near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Chance Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 Chance Drain at US 50 near Fallon, NV 392646118401601 CH, TE 1995 Chance above Piceish Power Diversion, near Verdi, NV 3927017119470301 CH, TE, SE, BI 1991-975 Check Diversion above Huffaker Lane near Reno, NV 3927717119470301 CH, TE, SE, BI 1993-95 Check Driversion above Huffaker Lane near Reno, NV 392724120002300 CH, TE, SE, BI 1993-95 Check Driversion above Huffaker Lane near Reno, NV 392724120002300 CH, TE, SE, BI 1993-95 Check Driversion above Huffaker Lane near Reno, NV 392737119480901 CH, TE, SE, BI 1993-95 Chance Ditch at Davis Lane near Reno, NV 39273711948000 CH, TE, SE, BI 1993-95 Chance Ditch at Davis Lane near Reno, NV 39273711948000 CH, TE, SE, BI 1993-95 Chance Ditch at Del Monte Lane near Reno, NV 39273711948000 CH, TE, SE, BI 1993-95 Chance Ditch at Del Monte Lane near Reno, NV 392801118454001 CH, TE, SE, BI 1993-95 Chance Ditch at Del Monte Lane near Reno, NV 392801118454001 CH, TE, SE, BI 1993-95 Chance Ditch at Del Monte Lane near Reno, NV 392801118454001 CH, TE, SE, BI 1995-95 Chance Ditch at Chance Del Monte				
Canyon 24 at Mouth, near Floriston, CA 392555120014800 CH, TE 1991 Mystic Canyon Creek at Mouth, near Floriston, CA 392555120014800 CH, TE, SE, BI 1993-95 Lask Ditch at Holcomb Lane near Reno, NV 392612119471801 CH, TE, SE, BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392639120002600 CH, TE, SE, BI 1993-95 Pury Dip Canyon at Mouth, near Floriston, CA 39263118501201 CH, TE 1991 Sheckler Drain at St, Clair Road near Fallon, NV 392646118401601 CH, TE 1995 Truckee River above Pleish Power Diversion, near Verdi, NV 3927706120001500 CH, TE 1995 Dry Creek Diversion above Huffaker Lane near Reno, NV 392771119470301 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 3927272119470001 CH, TE, SE, BI 1993-95 Steamboat Ditch near Faretto Lane near Reno, NV 3927272119470001 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 392729119485901 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39272119480801 CH, TE, SE, BI 1993-95				
Mystic Canyon Creek at Mouth, near Floriston, CA 39255120013000 CH, TE, SE, BI 1991 Last Chance Ditch at Thomas Creek Road near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Unup Dip Canyon at Mouth, near Floriston, CA 392637119465601 CH, TE, SE, BI 1993-95 Pumy Dip Canyon at Mouth, near Floriston, CA 39263118401201 CH, TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 New River Drain at US So near Fallon, NV 392766120001500 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392720119470301 CH, TE, SE, BI 1993-95 Dry Creek Diversion above Huffaker Lane near Reno, NV 39272119470030 CH, TE, SE, BI 1993-95 Dry Creek Delow Huffaker Lane near Reno, NV 3927211947000 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Parlen, NV 392727311947000 CH, TE, SE, BI 1993-95 Last Chance Ditch at Davis Lane near Reno, NV 39273711948000 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39273711948000 CH, TE, SE, BI 1993-95				
Last Chancé Ditch at Thomas Creek Road near Reno, NV 392612119471801 CH. TE. SE. BI 1993-95 Lake Ditch at Holcomb Lane near Reno, NV 392639120002600 CH. TE. SE. BI 1991 Puny Dip Canyon at Mouth, near Floriston, CA 392639120002600 CH. TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392646118401601 CH. TE 1995 New River Drain at US 50 near Fallon, NV 39276120001500 CH. TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392776112001500 CH. TE. SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 3927721119470101 CH. TE. SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 392722119470101 CH. TE. SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 392729119485901 CH. TE. SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 392729119488901 CH. TE. SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39274119480201 CH. TE. SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39285118436001 CH. TE. SE, BI 1993-95 H				
Lake Ditch at Holcomb Lane near Reno, NV 392637119465601 CH, TE, SE, BI 1993-95 Puny Dip Canyon at Mouth, near Floriston, CA 392632102002600 CH, TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392643118501201 CH, TE 1995 New River Drain at US 50 near Fallon, NV 392761200001500 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392770119470301 CH, TE, SE, BI 1993-95 Dry Creek Diversion above Huffaker Lane near Reno, NV 3927720119470301 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 392724120002300 CH TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Reno, NV 392737119485001 CH, TE, SE, BI 1993-95 Last Chance Ditch near Faretto Lane near Reno, NV 392737119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Davis Lane near Reno, NV 392737119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Davis Lane near Reno, NV 392737119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Davis Lane near Reno, NV 392737119480801 CH, TE, SE, BI 1993-95 <tr< td=""><td></td><td></td><td></td><td></td></tr<>				
Puny Dip Canyon at Mouth, near Floriston, CA 392639120002600 CH, TE 1991 Sheckler Drain at St. Clair Road near Fallon, NV 392646118801201 CH, TE 1995 New River Drain at US 50 near Fallon, NV 392666118401601 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 39270612001500 CH, TE 1991 Dry Creek Diversion above Huffaker Lane near Reno, NV 39271119470101 CH, TE, SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 39272119400230 CH TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 39273119480801 CH, TE, SE, BI 1993-95 Steamboat Ditch near Faretto Lane near Reno, NV 39273119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39273119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39281118345800 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Fallon, NV 39281118345800 CH, TE 1995 Umamed Drain at Stuart Road near Fallon, NV 39283118335801 CH, TE 1995 Harmon Drain				
Sheckler Drain at St. Clair Road near Fallon, NV 39264118430160 CH, TE 1995				
New River Drain at US 50 near Fallon, NV 392646118401601 CH, TE 1995 Truckee River above Fleish Power Diversion, near Verdi, NV 392717119470301 CH, TE, SE, BI 1993-95 Dry Creek Diversion above Huffaker Lane near Reno, NV 392771119470101 CH, TE, SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 392721119470101 CH, TE, SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 392721119485901 CH, TE, SE, BI 1993-95 CH, Dry Creek Diversion above Lane near Reno, NV 392731194885901 CH, TE, SE, BI 1993-95 CH, SE, BI 1995			,	
Truckee River above Fleish Power Diversion, near Verdi, NV 39270612001500 CH, TE 1991 Dry Creek below Huffaker Lane near Reno, NV 392717119470301 CH, TE, SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 392721119470101 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 392724120002300 CH 1991 Steamboat Ditch near Farretto Lane near Reno, NV 39273119480801 CH, TE, SE, BI 1993-95 Last Chance Ditch at Davis Lane near Reno, NV 392734119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 392744119480201 CH, TE, SE, BI 1993-95 New River Drain at Harrigan Road near Fallon, NV 392831118385801 CH, TE 1995 Nemon Drain at Ditch House Road near Fallon, NV 39285118363801 CH, TE 1995 Harmon Drain at N 116 near Fallon, NV 392856118363801 CH, TE 1995 Harmon Drain at No 116 near Fallon, NV 3922900117030000 CH, TE 1995 Hunter Creek below Steamboat Ditch near Reno, NV 392900117030000 CH, TE 1995 Tuckee River Tributary at Chalk Bluff near				
Dry Creek Diversion above Huffaker Lane near Reno, NV 392717119470301 CH, TE, SE, BI 1993-95 Dry Creek below Huffaker Lane near Reno, NV 39272011947010 CH, TE, SE, BI 1993-95 Deep Canyon Creek at Mouth, near Verdi, NV 392729119485901 CH, TE, SE, BI 1993-95 Last Chance Ditch at Davis Lane near Reno, NV 392729119485901 CH, TE, SE, BI 1993-95 Last Chance Ditch at Del Monte Lane near Reno, NV 392737119480801 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39273411948001 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 39273711948001 CH, TE, SE, BI 1993-95 Lake Ditch at Del Monte Lane near Reno, NV 392831118385801 CH, TE 1995 Unnamed Drain at Ditch House Road near Fallon, NV 3928371184001 CH, TE 1995 Harmon Drain at Ditch House Road near Fallon, NV 39285711840010 CH, TE 1995 Harmon Drain at Ditch House Road near Fallon, NV 392901117030000 CH, TE 1995 Harmon Drain at Drain at Road near Fallon, NV 392901117030000 CH, TE 1996 Water Grown				
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Creek at Wheeler Ranch 410651119080001 CH, TE 1980 Louise Creek 411308118293501 CH, TE 1990 Big Creek 411559118215201 CH, TE 1990				
Louise Creek 411308118293501 CH, TE 1990 Big Creek 411559118215201 CH, TE 1990				
Big Creek 411559118215201 CH, TE 1990				
	Bottle Creek			1990

DISCONTINUED SURFACE-WATER QUALITY CONTINUOUS RECORD STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations in Nevada. Daily records of temperature, specific conductance, pH, or dissolved oxygen were collected and published for the period of record shown for each station. Abbreviations: DO, dissolved oxygen; SC, specific conductance; WT, water temperature.

Station name Virgin River at Littlefield, AZ Virgin River above Halfway Wash near Riverside, NV	Station number	Drainage area (mi ²)		of record
Virgin River at Littlefield, AZ				record
Virgin River at Littlefield, AZ	number	(mi ²)		
		(IIII)	Type of record	(water years)
Virgin River above Halfway Wash near Riverside, NV	09415000	5,090	WT, SC	1950-60, 1965-88
	09415230	5,980	WT, SC	1978-82
Las Vegas Wasteway near East Las Vegas, NV	09419679	252	WT, SC	1980-87, 1979-87
Pahranagat Valley Wash near Moapa, NV Muddy River near Moapa, NV	09415850 09416000	252	WT,SC WT, SC	1988-93 1988-93
Meadow Valley Wash near Rox, NV	09418700	2,384	WT, SC	1988-93
Las Vegas Wash above detention basin near North Las Vegas, NV	09419648	2,50.	WT, SC	1989-93
Las Vegas Wash near Henderson, NV	09419700	2,125	WT, SC	1986-87
Las Vegas Wash at powerline crossing below Henderson, NV	09419755		WT, SC	1986-87
Las Vegas Wash near Boulder City, NV	09419800	2,193	WT SC	1979-86 1976-77, 1979-86
Colorado River below Hoover Dam, AZ-NV	09421500	171,700	WT, SC	1976-77, 1979-86
Steptoe Creek near Ely, NV	10244950	11.1	WT	1967-83
South Twin River near Round Mountain, NV	10249300	20.0	WT	1966-68, 1970-83
Chiatovich Creek near Dyer, NV	10249900	37.3	WT	1975-82
Leviathan Creek above mine near Markleeville, CA	10308783		WT, SC	1981-82
Leviathan Mine tunnel spring near Markleeville, CA	10308784		WT, SC	1981-82
Leviathan Mine pit flow near Markleeville, CA	10308785		WT, SC	1982
Leviathan Mine waste flow near Markleeville, CA	10308786		WT, SC	1981
Leviathan Mine seep below crusher near Markleeville, CA Leviathan Creek below delta near Markleeville, CA	10308787 10308788		WT, SC WT, SC	1982 1982
Leviathan Creek below derta near Markleeville, CA Leviathan Creek below mine near Markleeville, CA	10308788		WT, SC	1981-82
Bryant Creek below Mountaineer Creek near Markleeville, CA	10308794		WT, SC	1982
Bryant Creek near Gardnerville, NV	10308800	31.5	WT, SC	1982-83
East Fork Carson River near Gardnerville, NV	10309000	356	WT, SC	1955-66,
				1967-72, 1993-96
Carson River near Fort Churchill, NV	10312000	1,302	WT, SC	1962-70,
C D' C'I C ' MV	10212020	1.450	WE CO	1972-82, 1994-97
Carson River near Silver Springs, NV Carson River below Lahontan Reservoir near Fallon, NV	10312020 10312150	1,450 1,801	WT, SC WT	1963-71 1981-83
Carson Lake Drain above Carson Lake near Fallon, NV	10312130	1,001	WT, SC	1994-97
Rice Ditch at Gage near Fallon, NV	10312185		WT, SC	1994-97
Stillwater Point Diversion Drain near Stillwater, NV	10312215		WT, SC, pH, DO	
Stillwater Slough at Stillwater, NV	10312218		WT, SC	1994-97
Paiute Drain above D-line Canal near Stillwater, NV	10312250		WT, SC	1988-90
	10212267		pH, DO	1988-89
D-line Canal below East Lake near Stillwater, NV TJ Drain at wildlife entrance near Stillwater, NV	10312267 10312274		WT, SC, pH, DO WT, SC, pH, DO	
Humboldt River near Carlin, NV	10312274	4,310	WT, SC, pH, DO	1966-68, 1981-83
Humboldt River at Palisade, NV	10321000	5,010	WT	1962-65
Reese River near Ione, NV	10325500	53	WT	1962
Humboldt River near Ímlay, NV	10333000	15,504	WT, SC	1998-2000
Humboldt River near Rye Patch, NV	10335000	16,100	WT, SC	1952-58, 1960-81
Humboldt River near Lovelock, NV	10336000	16,600	WT, SC	1998-2000
Toulon Drain at Derby Field Road near Toulon, NV	10336035		WT, SC	1998-2000
Army Drain above Iron Bridge near Lovelock, NV Grass Lake Creek near Meyers, CA	10336039 10336593	6.4	WT, SC WT	1999-2000 1997-2001
Upper Truckee River at Mouth near Venice Drive, CA	10336612	56.5	WT	1997-2001
Third Creek near Crystal Bay, NV	10336698	6.05	WT	1980-85
			SC	1981-1983
Incline Creek near Crystal Bay, NV	10336700	6.69	WT	1998-2001
Glenbrook Creek at Glenbrook, NV	10336730	4.11	WT	1998-2001
Trout Creek near Mouth East near Bellevue/ElDorado Avenue, CA	10336795	41	WT	1997-2001
Truckee River at Tahoe City, CA	10337500	507 553	WT	1993-94
Truckee River near Truckee, CA Donner Creek at Highway 89 near Truckee, CA	10338000 10338700	553 29.1	WT WT	1977-82, 1993-94 1993-1994
Martis Creek at Highway 267 near Truckee, CA	10339250	25.8	WT	1975-88
Martis Creek near Truckee, CA	10339400	39.9	WT	1975-2000
Little Truckee River below Diversion Dam near Sierraville, CA	10341950	36.1	WT	1994
Little Truckee River at Highway 89 near Truckee, CA	10343200	59.0	WT	1994
Bronco Creek at Floriston, CA	10345700	15.4	WT	1993-94
Truckee River at Floriston, CA	10345900	932	WT, SC	1964-71
Truckee River at Farad, CA	10346000	932	WT	1972-81
Dog Creek at Verdi, NV	10347310		SC WT	1972-80 1993-94
Truckee River near Verdi, NV	10347310		WT	1993-94
	10347460	1,035	WT	1994
Truckee River at Mogul, NV				
Truckee River at Mogul, NV Hunter Creek above Last Chance Ditch near Reno, NV	10347620	11.7	WT	1993-94
	10347620 10348300 10349980	11.7 244	WT, SC WT, SC	1993-94 1993-98 1993-1997,

WATER RESOURCES DATA FOR NEVADA, 2003 DISCONTINUED SURFACE-WATER QUALITY CONTINUOUS RECORD STATIONS--Continued

				Period
		Drainage		of
	Station	area		record
Station name	number	(mi^2)	Type of record	(water years)
Reno-Sparks Sewer Treatment Plant Outfall at Reno, NV	10349995		WT, SC	1994-98
Truckee River at Vista, NV	10350000	1,430	WT, SC	1988-94
Truckee River at Lockwood, NV	10350050	1,433	WT	1980-81
Truckee River above Tracy, NV	10350390	1,590	WT	1972-82
Truckee River below Tracy, NV	10350400	1,590	WT	1972-82
Truckee River right bank below Tracy, NV	10350405	1,590	WT	1972-82
Truckee River at Derby Dam, NV	10351000	1,676	WT	1980-81,
·				1988-96, 2001-02
"A" Drain at powerline crossing near Fernley, NV	10351356		WT, SC, pH, DO	1988-90
Truckee Canal at U.S. 50 above Lahontan Reservoir, NV	10351590		WT	1980
Truckee River below Derby Dam near Wadsworth, NV	10351600	1,676	WT	1988-95
McDermitt Creek near McDermitt, NV	10352500	225	WT	1975-78
Quinn River near McDermitt, NV	10353500	1,100	WT, SC	1980-83
South Lead Lake-Southwest landing	393652118311201	,	WT, pH	1988-90
č			SC, DO	1988-89

INTRODUCTION

Water-resources data published herein for the 2003 water year comprise the following records:

Water discharge for 182 gaging stations on streams, canals, and drains.

Discharge data for 52 partial record stations and miscellaneous sites, and 23 springs.

Stage and contents for 21 ponds, lakes and reservoirs.

Water levels for 178 primary observation wells, and 715 secondary observation wells.

Water-quality data for 70 stream, canal, spring and drain sites and 276 wells.

Precipitation totals for 40 stations.

Water withdrawals for 11 wells.

Additional water data, collected at various sites that are not part of the systematic data-collection program, are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Nevada.

Records of stream discharge and content or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Through water year 1960, these water-supply papers were in an annual series; for 1961-70, they were in a 5-year series. Records of water quality were published from 1941 to 1970 in an annual series of water-supply papers entitled "Quality of Surface Waters of the United States." Records of ground-water levels were published through 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-Supply Papers may be consulted at the libraries of principal cities in the United States, or, if not out of print, they may be purchased from the U.S. Geological Survey, Information Services, Federal Center, Box 25286, Denver, CO 80225-0046.

For water years 1961 through 1974, streamflow data were released by the U.S. Geological Survey in annual reports on a state-by-state basis. Water-quality records for water years 1964 through 1974 were similarly released, either in separate reports or in conjunction with the streamflow records

Beginning with the 1975 water year, surface-water, ground-water, and water-quality data have been published annually as official U.S. Geological Survey reports on a state basis. These reports carry an identification number consisting of the two-letter state abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water Data Report NV-01-1." For archiving and general distribution, the reports for water years 1971-74 are identified also as official water-data reports. The water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. For further ordering information, the Customer Inquiries telephone number is (703) 487-4650, between 8:30 am and 5:30 pm EST.

The computer age has led to the dissemination of information quickly and easily through the Internet, the worldwide computer network. Hydrologic information from the U.S. Geological Survey is available on the World Wide Web (WWW). Included are water-related activities, information contacts, publications, and various other items that may be of interest to the general public, local State and other Federal agencies, and universities.

The U.S. Geological Survey Nevada District has a web page for disseminating such information. The page can be accessed using the 0 TDh81TD050023 Tc0(WV

SUMMARY OF HYDROLOGIC CONDITIONS

Compiled by Robert E. Bostic, E. James Crompton, Kerry T. Garcia, and Sonya L. Vasquez

Surface Water

Nevada has no truly large rivers. The largest streams in the State are the Humboldt, Truckee, Carson, Walker, Muddy, Virgin, and Colorado Rivers. The Colorado River, which is by far the largest, forms the boundary between southeastern Nevada and northwestern Arizona. Of the remaining listed rivers, only the Humboldt and Muddy begin and terminate in Nevada.

The larger rivers typically follow the flow pattern of a gaining stream in the well-watered mountain reaches and a losing stream in the lower-altitude reaches. Most of Nevada is typified by basin-and-range topography, and most Nevada rivers have no direct connection with the ocean. Downstream depletion of flow is caused by irrigation, public use, infiltration, and evapotranspiration. Characteristically, stream discharge is low in late summer, and then increases through the autumn and winter until the snowmelt season in the spring. Maximum discharge for the year normally can be expected in May and June, although floods have occurred from November through March as a result of rain or rain on snow.

Much of Nevada is drained by small streams that are dry most of the year. Typically, such streams respond only to intense precipitation, which generally occurs only a few times a year at the most. In many years, the streams have no flow, and even in relatively wet years, total flow duration in such streams can be measured in hours.

Streams and rivers in Nevada drainages for water year 2003, generally were below normal runoff and ranged from around 20 percent to about 75 percent depending on the particular area, elevation of the drainage and water usage in the system. Runoff this year on streams with little or no control was more typical of seasonal runoff, with the peaks generally occurring in late May and early June.

The Humboldt River begins in northeastern Nevada and terminates in northwestern Nevada. For water year 2003, the discharge at Palisade (station 10322500) was 45 percent of the 96-year mean. Monthly and annual mean discharges for water year 2003 and for the period of record (water years 1903-06, 1912-2003) at the Palisade station are shown in figure 1. Rye Patch Reservoir (station 10334500), the last impoundment on the Humboldt River, at its highest level was 16 percent of full capacity in April, from a low of 5 percent the first of October.

The Truckee River is a major western Nevada stream for which discharge is largely controlled by reservoirs and regulated lakes in the Sierra Nevada of California and Nevada. The Truckee River begins at Lake Tahoe (station 10337000) which is regulated above its natural rim (6,223 feet above NGVD of 1929). Lake Tahoe during water year 2003 dropped below its rim briefly in early November 2002. The water surface ranged between 6,224.89 mid June to 6,222.97 feet above NGVD of 1929, November 6. The 2003 discharge at Reno (station 10348000) was 62 percent of the 76-year mean (water years 1907-21, 1926, 1931-34, 1947-2003). The river terminates in Pyramid Lake (station 10336500), a closed-basin water body which is a saline remnant of Pleistocene Lake Lahontan. Water-surface elevations, in figure 2, illustrate a decline from 1975 through 1981, an increase during 1982-84, which raised the lake level by 25 feet, a steady decline from 1986 through 1994 with slight increases from 1995-1999. Since 1999 the lake has continued to decline. The lake-surface elevation declined 2.0 feet from 3,811.4 in October 2002 to 3,809.4 feet above NGVD of 1929 the end of September 2003.

The Carson River is formed in Carson Valley by the confluence of the East Fork and West Fork Carson Rivers, with headwaters in the Sierra Nevada of California. The 2003 discharge at Carson City (station 10311000) was 74 percent of the 64-year mean. Monthly and annual mean discharges for water year 2003 and for the period of record (water years 1940-2003) at the Carson City station are shown in figure 1. Lahontan Reservoir (station 10312100), the major impoundment on the Carson River, at its highest level was 83 percent of full capacity June 17, and a low of 24 percent November 3.

The Walker River is formed in Mason Valley by the confluence of the East and West Walker Rivers; both rivers originate in the Sierra Nevada of California. The East Walker River discharge is controlled by Bridgeport Reservoir and the West Walker River by Topaz Lake. The 2003 discharge of the Walker River at Wabuska (station 10301500) was 23 percent of the 78-year mean (water years 1904, 1921-35, 1940-41, 1943, 1945-2003). The river terminates in Walker Lake (station 10288500) north of Hawthorne, which also is a saline remnant of ancient Lake Lahontan similar to Pyramid Lake. Water-surface elevations for the lake are shown in figure 2 and illustrate a steady decline from 1969 through 1981 like that of Pyramid Lake. In contrast, the high discharges in the Walker River from 1982 through 1984 raised the lake level by about 14 feet. Lake levels have steadily declined since 1986 until May 1995, and increased slightly through 1999. Since 1999 the lake has continued to decline. The lake-surface elevation decreased 4.9 feet during the 2003 water year, from 3,943.1 in October to 3,939.2 feet above NGVD of 1929 the end of September.

The Colorado River in southeastern Nevada is completely controlled by a series of impoundments that includes Hoover Dam (station 09421000) and Davis Dam (station 09422500) in Nevada. Since 1935, the mean annual discharge of the river below Hoover Dam (station 09421500) is 13,960 cubic feet per second. Mean annual discharge fluctuates on the basis of upstream supply and downstream hydroelectric-power and irrigation requirements. The 2003 mean annual discharge of the Colorado River below Hoover Dam was 94 percent of the 69-year mean (water years 1935-2003).

The Virgin River is one of the major tributaries to Lake Mead on the Colorado River and has most of its drainage area in Utah and Arizona. The discharge at Littlefield, Arizona (station 09415000), was 49 percent of the 74-year mean (water years 1930-2003).

The Muddy River is another tributary to Lake Mead. The discharge at Glendale (station 09419000) was 75 percent of the 52-year mean (water years 1951-1983, 1985-2003).

Lake Mead, since it's most recent high elevation in December 1997 of 1,214.64 feet, has now dropped 72.52 feet at the end of September, to an elevation of 1,142.12 feet.

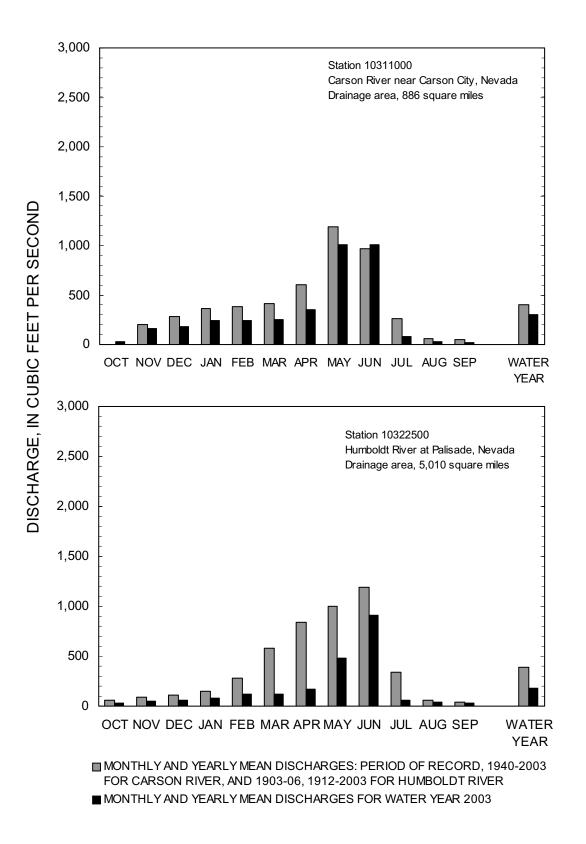


Figure 1. Comparison of discharge during water year 2003 with the long-term mean discharge at two representative gaging stations.

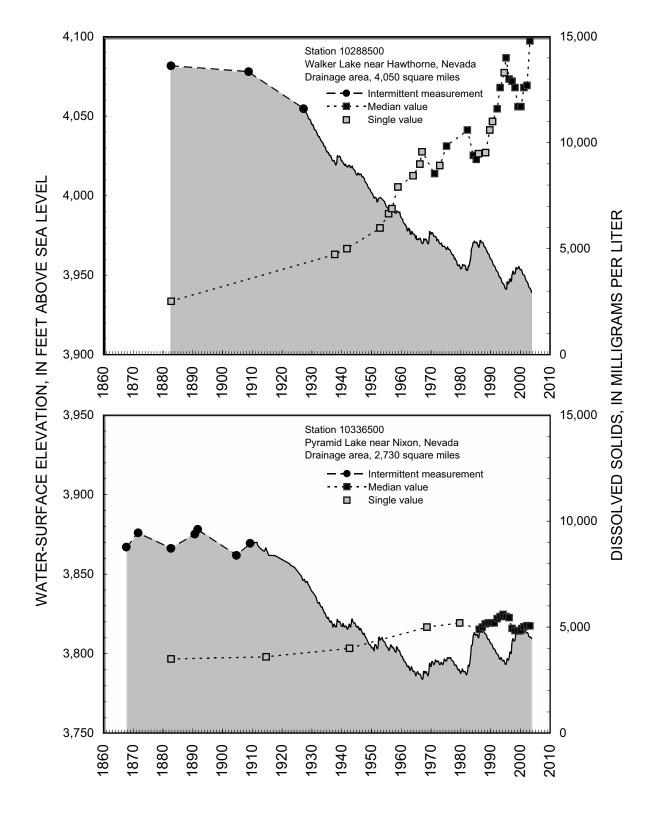


Figure 2. Water-surface elevation and dissolved-solids concentration at Walker and Pyramid Lakes (data from Desert Research Institute, Nevada Division of Wildlife, Pyramid Lake Fisheries, and U.S. Geological Survey).

Water Quality

The quality of surface water in Nevada varies greatly from place to place, as well as seasonally. Concentrations of dissolved solids generally are higher in the southern part of the state than in the northern part, and are dependent to a large extent upon water discharge. Concentrations usually are greatest during periods of low streamflow, and lowest during periods of high streamflow due to dilution by precipitation or snowmelt.

At two southern Nevada stations, Virgin River at Littlefield (station 09415000) and Colorado River below Hoover Dam (station 09421500), mean dissolved-solids concentrations for period of record were 1,990 mg/L and 692 mg/L, respectively. Mean dissolved-solids concentrations in the 2003 water year were 2,290 mg/L and 627 mg/L, respectively. Mean dissolved-solids concentrations in the 2003 water year were 115 and 91percent, respectively, of the means for the period of record. For the Virgin River at Littlefield station, the mean discharge for the 2003 water year was 116 ft³/s and 237 ft³/s for the period of record. For the Colorado River below Hoover Dam station, the mean discharge for the 2003 water year was 13,070 ft³/s and 13,960 ft³/s for the period of record. Figure 3 shows the dissolved-solids concentrations measured at the Colorado River station since the 1971 water year. The downward trend in concentration during 1983-85 and again in 1997-2000 probably was the result of dilution by consecutive years of greater than average inflow to Lake Mead. During 1988-96 and 2001-2003, in contrast, the concentration increased, presumably because the amount of runoff from the upper basin was less than the long-term mean.

The quality of ground water in Nevada also varies greatly because of the various soil and rock types found in the state. Concentrations of dissolved solids generally are higher in the southern part of the state (latitude less than or equal to $38^{\circ}00'00''$) than in the northern part (latitude greater than $38^{\circ}00'00''$), similarly to what occurs in surface water. Concentrations in the southern part of the state ranged from 5 to 102,000 mg/L with an average of 1,800 mg/L and a median of 596 mg/L. Concentrations in the northern part of the state ranged from 10 to 94,700 mg/L with an average of 1,420 mg/L and a median of 276 mg/L.

Ground water samples were collected from 236 wells in water year 2003. The constituents analyzed were nutrients, common ions, trace constituents, and organic substances. EPA's drinking water standards for nitrate (10 mg/L), fluoride (4.0 mg/L), and arsenic (0.01 mg/L in 2003 water year) were exceeded in 6 wells, 2 wells, and 30 wells, respectively.

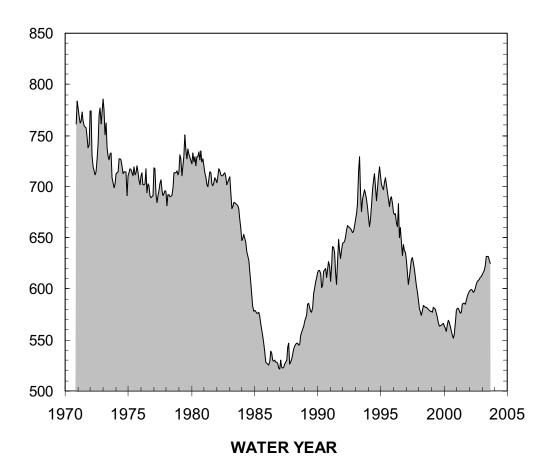


Figure 3. Dissolved-solids concentrations in the Colorado River below Hoover Dam (station 09421500) for water years 1971-2003.

Ground Water

Development of ground-water supplies in Nevada continued during water year 2003 with 1,909 Well Driller's Reports (well logs) submitted to the State Engineer's office. During 2003, 1,819 new wells were drilled and 90 existing wells were reworked or abandoned. The number of new wells drilled during water years 1971-2003 are shown on figure 4. New wells are grouped into 4 categories of proposed water use; domestic, irrigation, public supply and industrial, and other (which includes all other proposed uses). Half of the new wells were drilled for domestic use (figure 5). Most of the new wells represented in the other category were wells used for monitoring. The other category also includes wells drilled for artificial recharge, dewatering, livestock, and mining (figure 5).

Well drilling was concentrated in the northwestern and southern parts of the State. Drilling in extreme northern Nevada was mainly for domestic use near the communities of Elko and Winnemucca and mainly mining and monitoring use in areas between Elko and Winnemucca. Drilling in northwestern Nevada was concentrated in and around the Reno-Lake Tahoe areas; particularly near the communities of Minden-Gardnerville, Fallon, and Reno. Drilling in southern Nevada was concentrated in and around the Las Vegas area and near the community of Pahrump. Whereas monitor drilling was predominant in Las Vegas, domestic drilling was predominant in the outlying communities.

Nevada is almost entirely within the Great Basin Region of the Basin and Range physiographic province. The region is characterized by mountain ranges with a general north-south orientation separated by basins (valleys) that are filled by accumulations of unconsolidated to partly consolidated sedimentary deposits and underlain by consolidated rocks that also form the surrounding ranges (Stewart, 1980). Most wells have been drilled into unconsolidated basin-fill deposits. Some consolidated rocks yield substantial quantities of water, particularly in parts of eastern and southern Nevada where ground water flows through thick accumulations of limestone and dolomite. Locally, some fractured volcanic rocks also yield substantial quantities of water. Water wells, however, are not commonly drilled into consolidated rocks, because the well yields are less predictable and most present-day development is in basins where water is readily obtained from shallow depths in unconsolidated deposits.

The depths of the wells drilled in 2003 are shown in figure 6. Domestic wells were most commonly drilled to depths between 125 and 250 feet below land surface. Wells drilled for irrigation use were most commonly drilled to depths between 250 and 625 feet. Public supply and industrial wells were most commonly drilled to depths between 375 to 500 feet and greater than 1,000 ft. Wells in the other category, primarily test holes, were most commonly drilled to depths between 0 and 125 feet.

Ground-water levels fluctuate seasonally and annually in response to changes in withdrawals and climatic conditions. These fluctuations can cause changes in natural recharge to and discharge from the ground-water reservoirs. Water levels generally rise from late winter to early summer, in response to (1) runoff from melting snow in the surrounding mountain ranges, particularly in the northern part of the State and (2) application of surface water for irrigation. Water levels generally decline from summer to early winter, when recharge is small and ground water is discharged by evapotranspiration, irrigation, and domestic use. Long-term climatic changes also can affect water-level trends, but the effects occur over a period of years. Superimposed on the natural fluctuations in water levels are changes caused by increasing or decreasing ground-water withdrawals.

Water-level trends for six selected observation wells are shown in figure 7. The well in Paradise Valley is close to a stream used for irrigation. The well in Eagle Valley taps aquifers used for public supply. The well in Pahrump Valley is in a basin undergoing transition from irrigation to domestic use. The well in Diamond Valley is in an area of intensive irrigation. The well in Steptoe Valley is in a relatively undeveloped basin. The well in Las Vegas Valley taps aquifers used for public supply.

The well in Paradise Valley is in the northwestern part of the basin. Water levels may fluctuate primarily in response to variations in nearby surface-water streamflow. The well probably does not reflect responses to ground-water withdrawals for agricultural irrigation in the central to southern parts of the basin.

The well in Eagle Valley is in the northern part of the basin north of Carson City. Water levels in the new Eagle Valley well may reflect responses to ground-water withdrawal.6(t)5.6(ra(s)10.)]TJ-5us(a)-10.i(l.6(p2(a)-10.2(e)-9.6())15.uonse)-10.(n.)]TJ2.2727 -1.5455 TD03 Tc184398 Tw[(Th)15.e9(w)-3.124398 Tw[(Th)15.e9(w)-3.12439 Tw[(Th)15.e9(w)-3.e9(w)-3.e9(

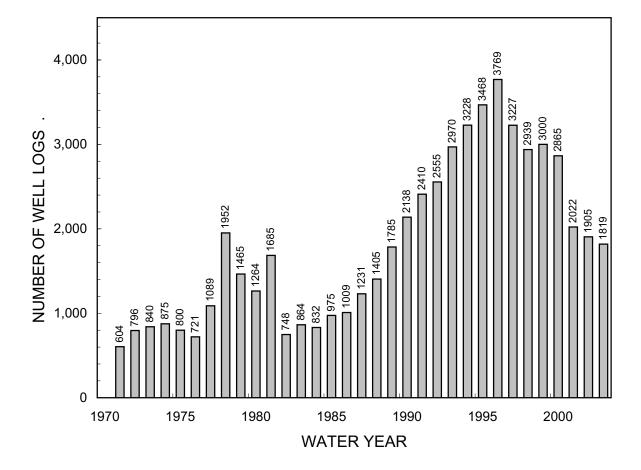
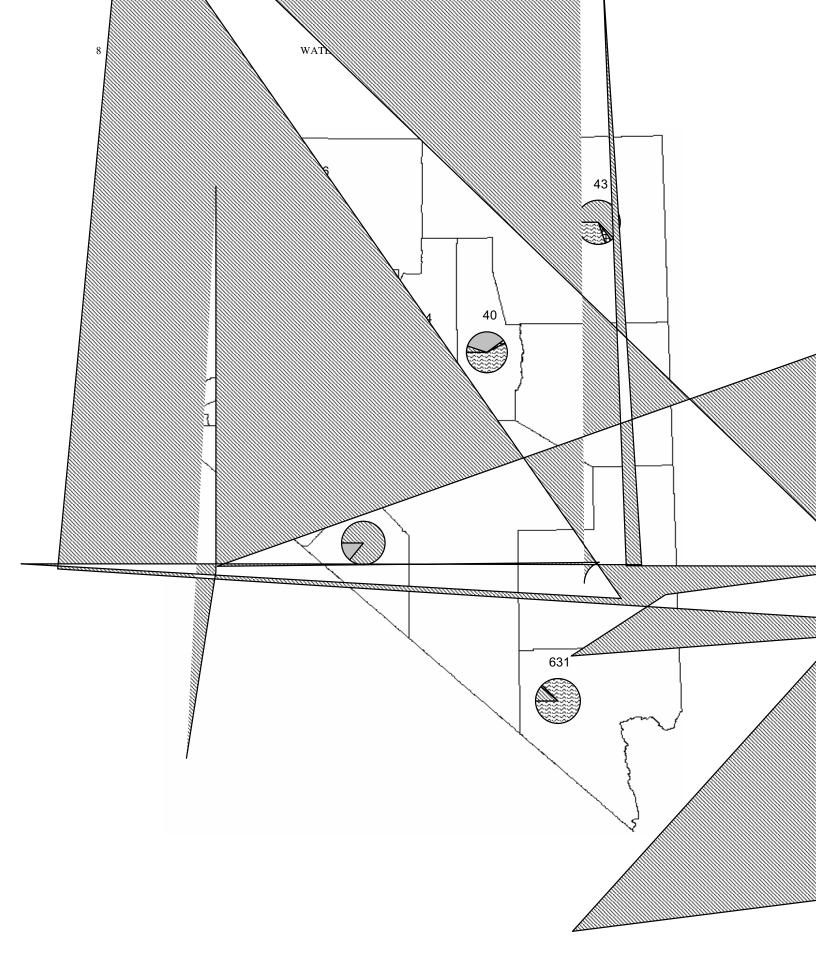


Figure 4. Number of new wells drilled based on number submitted to the Nevada State Engineer's Office during water years 1971-2003.



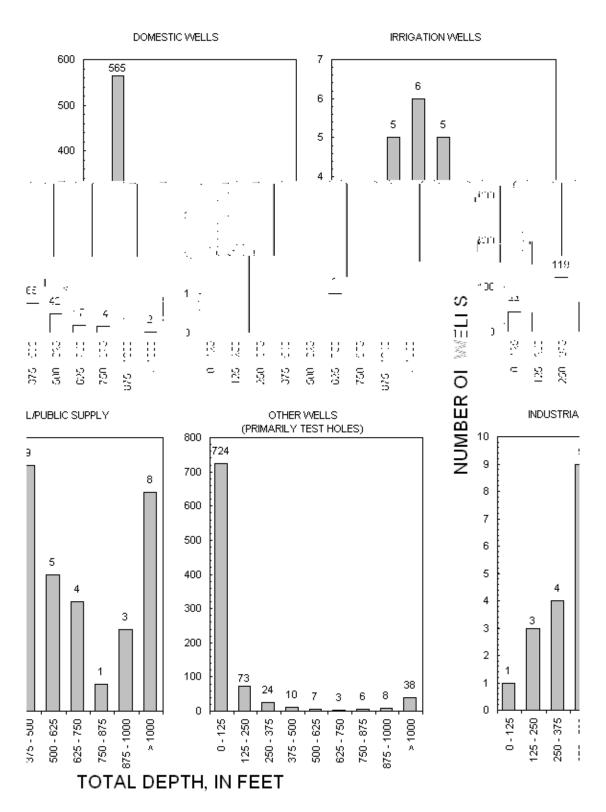
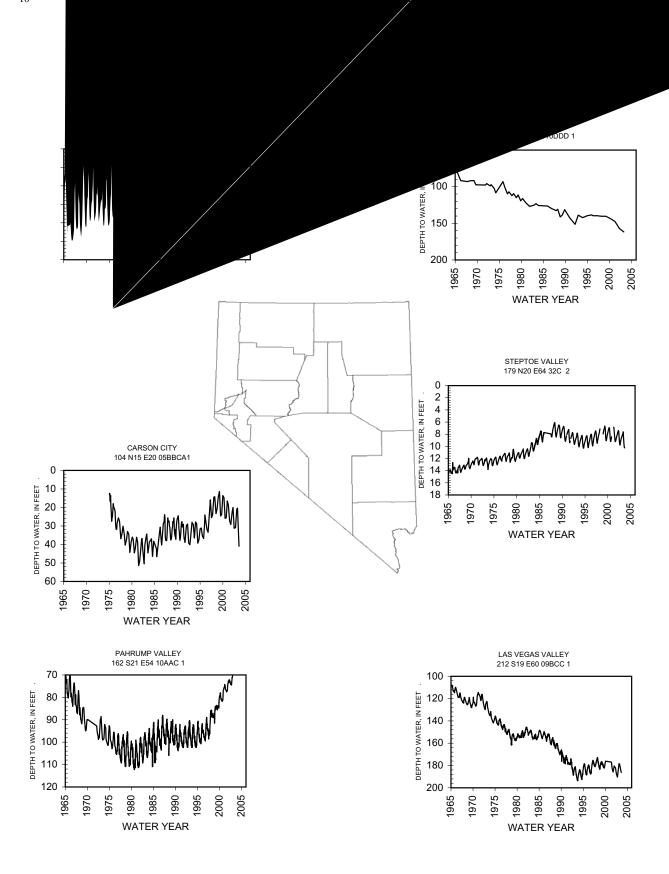


Figure 6. Depths of wells drilled during the 2003 water year for domestic, irrigation, public-supply and industrial, and other uses. The category 'other' does not include test holes drilled for geothermal exploration.



Water Use

Statewide, Nevada's annual precipitation averages about 9 inches--the lowest of any State in the Nation. Spatially, average precipitation ranges from 4 inches in some low-altitude valleys to about 16 inches in higher areas; locally in the higher mountains, precipitation exceeds 30 inches.

Water year 2003 (October 1, 2002-September 30, 2003) was a below normal year for precipitation for northern Nevada and near or above normal in southern Nevada. Precipitation at six selected sites in Nevada during water year 2003, as reported by the National Weather Service, ranged from 44 percent to 127 percent of the average value. The following table summarizes the data.

Precipitation

	Water	Average,	Water year 2003	
	year	water	Departure	
Weather	2003	years	from average	Percent
station	(inches)	1970-2000	(inches)	of average
Elko	9.98	9.78	0.20	102
Ely	8.25	9.98	-1.73	83
Las Vegas	5.80	4.56	1.24	127
Reno	6.59	7.52	-0.93	88
Tonopah	2.49	5.71	-3.22	44
Winnemucca	7.52	8.38	-0.86	90

In a normal year, surface water is the source for about 60 percent of Nevada's water withdrawals. Some surface water right holders also have supplemental ground water rights, which can be used when surface water is not available for their use.

Public supply is a rapidly growing use of water in the State and currently ranks second behind irrigation. The rate of increase in public-supply withdrawals nearly parallels the rapid growth in the State's population. Since 1986, Nevada has been the nation's fastest growing state (U.S. Bureau of the Census, 2002 and 2003a). In July 2003, Nevada's population was estimated to be 2,296,566 people (Nevada State Demographer, 2003). From April 1, 2000 to July 1, 2002, Nevada's population has increased 14.9 percent (Nevada State Demographer, 2003). For U.S. cities with over 100,000 people, North Las Vegas and Henderson were the second and third fastest-growing cites from 2000 to 2002 growing 17.7 and 17.3 percent, respectively (U.S. Bureau of the Census, 2003b).

In 2003, about 88 percent of Nevadans lived in urban areas having populations of 2,500 people or more (Nevada State Demographer, 2003). The three largest population centers in the State are the Las Vegas, Reno, and Carson City areas which makeup about 82 percent of the State's population (Nevada State Demographer, 2003). The amount of water withdrawn by the principal public-supply utilities servicing each of these areas for the period from October 1993 (water year 1994) to September 2003 (water year 2003) is shown in figure 8. In 2003, these three areas continue to account for about 80 percent of all the water withdrawn (acre-feet per month) by public-supply utilities in the State. The small peak for the January billing period, seen on the plots for Reno and Carson City for some years, indicates, in part, increased water use by tourists during the Christmas and New Year's holidays. The lowest spring and summer water use seen in the Reno and Carson City areas during the early 1990's was due in large part to regional drought conditions and the heightened awareness and enforcement of water conservation.

The primary source of public-supply water for Las Vegas and Reno is surface water; for Carson City, it is ground water.

In the Las Vegas area (which encompasses the cities of Las Vegas, North Las Vegas, Henderson, and Nellis Air Force Base), Lake Mead (Colorado River) is the principal source of public-water supply. The Las Vegas area is dependent on the Colorado River to meet its public-supply water needs. Since January 2000, the water level of Lake Mead has dropped over 70 feet (U.S. Bureau of Reclamation, 2004) from lower than normal runoff during recent years. During 2002, Nevada used its entire 300,000 acre-feet allotment from the Colorado River, years before water officials expected that to happen (Reno Gazette-Journal, 2003). In 1974, surface- and ground-water withdrawals were about equal; in 2002, surface-water was the source for nearly 88 percent of the area's public-supply withdrawals (Southern Nevada Water Authority, 2004a). About 65 percent of the water used in Las Vegas is for residential use, and about 7 percent is used by hotels and motels (Southern Nevada Water Authority, 2004b). Of the total residential use, about 70 percent is used for outdoor landscaping (Southern Nevada Water Authority, 2004c). Among the water-conservation measures taken in the Las Vegas area: No outside watering is permitted from Noon to 7 p.m., limits on the amount of turf, rebates for reducing the amount of turf (Las Vegas Valley Water District, 2003). Clark County now requires all new golf courses and nearby landscape areas to utilize reclaimed wastewater. Some communities in the area prohibit man-made lakes and have placed restrictions on the size of outside decorative water displays at resort hotels, and have placed restrictions on the percentage of turf that can be used at commercial, industrial, and multifamily developments. Cumulative conservation achieved through 2002 was 16.4 percent, falling short of the interim goal needed to reach 25 percent conservation by 2010 (Southern Nevada Water Authority, 2004b).

Two water purveyors in the Las Vegas area are using artificial recharge methods to help provide water to the Las Vegas area during peak demand. From 1987 through 2003, about 275,000 acre-feet of treated Colorado River water has been injected into the Las Vegas Valley groundwater basin (Southern Nevada Water Authority, 2004d). This artificial recharge could also help stabilize declining ground-water levels.

In the Reno area (which encompasses the cities of Reno and Sparks), the Truckee River supplied about 87 percent of the community's public-supply water in 2003. During years of high or surplus flows in Truckee River, the principal water purveyor follows a conjunctive use agreement to reduce its ground-water withdrawals, thus allowing ground-water storage to increase. Conservation measures enforced in the Reno area limit outside watering to twice a week; washing down hard surfaces is prohibited; and decorative water displays are turned off.

In 2003, ground water was the source for about 70 percent of Carson City's public-supply water. About 13 percent of the City's water was from the Carson River and the remaining 17 percent was from other surface-water sources. However, the amount of water that Carson City gets from surface-water sources is increasing. City ordinance limits outside watering to every other day from June through September, with no watering between 10 a.m. and 7 p.m. This is done to help reduce peak demand and not to limit water use. Wasting water and washing driveways also is prohibited.

The Nevada Test Site (NTS) is 60 miles northwest of Las Vegas. From 1950 until the ban on nuclear weapons testing in 1992, the NTS was the primary continental site for the testing of nuclear weapons. Ground water is the source of all water used at the NTS. With the ceasing of weapons testing and the related decline in personnel, water withdrawals have declined nearly 80 percent since 1989 (figure 9). Monthly pumpage from the 14 production wells on the NTS from 1984 to 2003 is shown in figure 10.

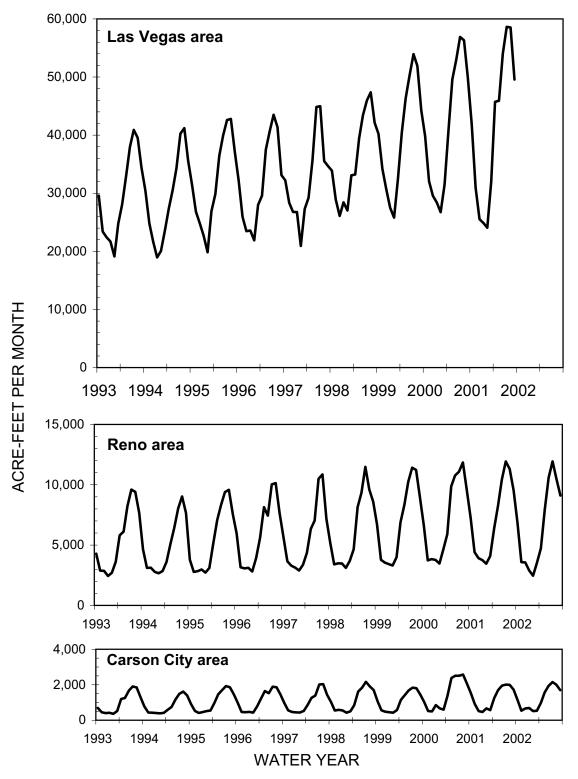


Figure 8. Monthly ground-water withdrawals for public supply in the Las Vegas, Reno, and Carson City areas, water years 1991-2003. Source of data: Nevada Division of Water Resources.

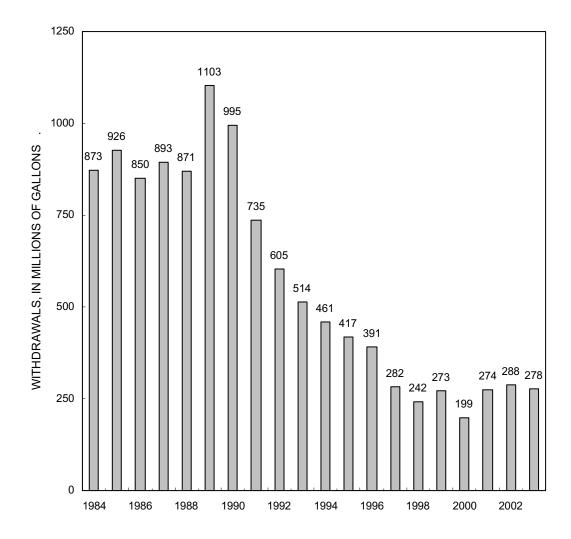
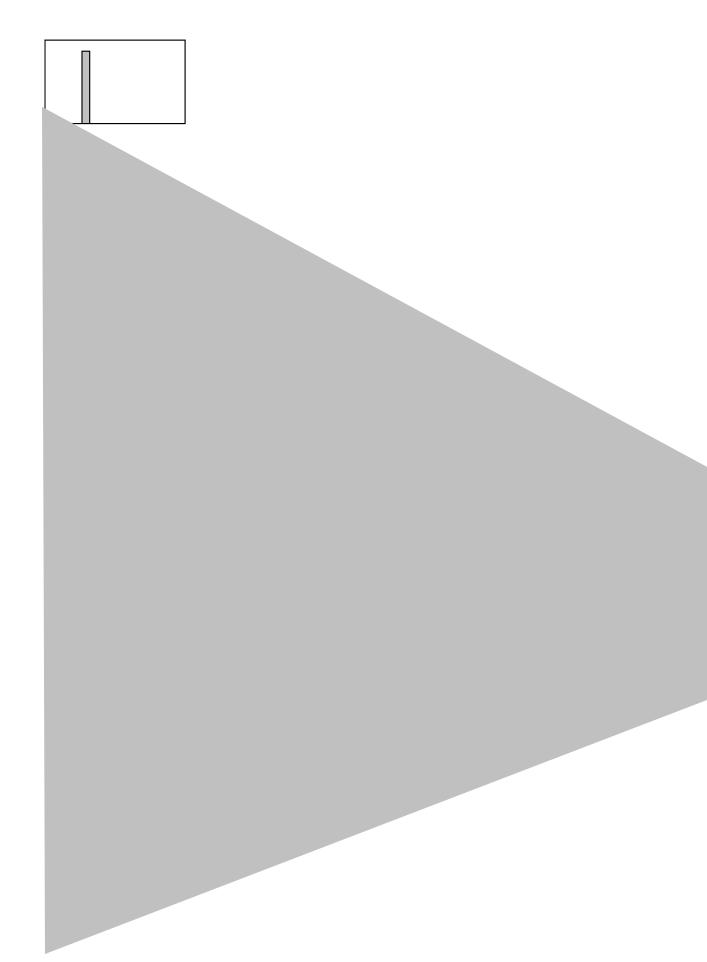


Figure 9. Total ground-water withdrawals from wells at the Nevada Test Site during water years 1984-2003.



DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, hydrologic-station records in U.S. Geological Survey reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indention in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These station numbers are in the same downstream order used in this report. In assigning a station number, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list composed of both types of stations. Gaps are consecutive. The complete 8-digit (or 10-digit) number for each station such as 09004100, which appears just to the left of the station name, includes a 2-digit part number "09" plus the 6-digit (or 8-digit) downstream order number "004100." In areas of high station density, an additional two digits may be added to the station identification number to yield a 10-digit number. The stations are numbered in downstream order as described above between stations of consecutive 8-digit numbers.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and miscellaneous site are the same, a sequential number such as "01," "02," and so forth, would be assigned as one would for wells. The 8-digit, downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

Local site numbers used in Nevada locate ground-water data sites (wells or springs) by hydrographic areas and by the official rectangular subdivision of the public lands with reference to the Mt. Diablo base line and meridian. Nevada has been divided into 14 hydrographic regions or major basins and 256 individual hydrographic areas or valleys. The classification is used to compile information pertaining to water resources in Nevada. The local site number uses as many as 19 digits to locate the site by hydrographic area, township, range, section, and section subdivision.

The first segment of the local site number specifies the hydrographic area as defined by Rush (1968). The remainder of the number specifies the township north or south of the Mt. Diablo base line, the range east of the Mt. Diablo meridian, the section, and the subdivision of the section. Sections are divided into quadrants labeled counterclockwise from upper right as A, B, C, and D. Each quadrant is then similarly subdivided up to as many as three times, depending on the accuracy of available maps; thus each section of about 640 acres may be subdivided into tracts approximately 330 ft on a side containing about 2.5 acres. Lettered quadrants are read from left to right, with the largest subdivision on the left. Sites within the smallest subdivision used are numbered sequentially with 1 digit. As an example, a well in Fallon (Carson Desert, hydrographic area 101) located within the SE¹/₄NE¹/₄NW¹/₄SW¹/₄ section 6, Township 19 North, Range 28 East, would have the number 101 N19 E28 6CBAD1. A second well within the same 2.5-acre tract would be numbered 101 N19 E28 6CBAD2.

Prior to January 1976, local site numbers in Nevada were published according to the following general format: 19/28-36aabc1. The first number was the township north of the base line (if the township was south of the base line, the first number was followed by an "S"). The second number was the range east of the meridian, the third number was the section, and the following letter or letters and number indicated the quarter sections and sequence as defined above.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 61 sites in small drainage basins in 39 States that was established in 1963 to provide consistent streamflow data representative of undeveloped watersheds nationwide, and from which data could be analyzed on a continuing basis for use in comparison and contrast with conditions observed in basins more obviously affected by human activities. At selected sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program may be accessed from http://water.usgs.gov/hbn/.

National Stream-Quality Accounting Network (NASQAN) is a network of sites used to monitor the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande River basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of 5 stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment (NAWQA) Program; (3) to characterize processes unique to large-river systems such as storage and remobilization of sediments and associated contaminants; and (4) to refine existing estimates of offcontinent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program may be accessed from http://water.usgs.gov/nasqan/.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) is a network of monitoring sites that provide continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead Federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from this network of 250 precipitation-chemistry monitoring sites. The USGS supports 74 of these 250 sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as data from the individual sites, may be accessed from http://bqs.usgs.gov/acidrain/.

The USGS National Water-Quality Assessment (NAWQA) Program is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; to provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and to provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 42 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents is measured in ground water, surface water,

streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for water-resources managers to use in making decisions and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and Federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key Federal, State, and local water-resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities to collaborate efforts among the agencies. Additional information about the NAWQA Program may be accessed from http://water.usgs.gov/nawqa/.

The USGS National Streamflow Information Program (NSIP) is a long-term program with goals to provide framework streamflow data across the Nation. Included in the program are creation of a permanent Federally funded streamflow network, research on the nature of streamflow, regional assessments of streamflow data and databases, and upgrades in the streamflow information delivery systems. Additional information about NSIP may be accessed from http://water.usgs.gov/nsip/.

Aquifer Vulnerability Project will evaluate the susceptibility and vulnerability of ground water to anthropogenic contamination throughout Nevada. Existing water-quality data and information on variables that could be related to water quality (e.g. land use, depth to ground water) are being compiled from many sources and input to a database and geographic information system (GIS).

Carbonate Rock Study Area consists of recording wells, intermittent and quarterly measurements at wells, spring and fall discharge measurements at springs, and bulk precipitation readings at high-elevation sites.

Carson River Mercury Study consists of streamflow sites where depth/width integrated water samples for total and dissolved mercury, total and dissolved methylmercury, and suspended sediment are collected for determination of loads into and out of Lake Lahontan.

Cold Creek Monitoring Project consists of ground-water quality and ground-water level data collected in the Cold Creek watershed as part of a cooperative study with El Dorado County Department of Transportation and California Tahoe Conservancy. The purpose of the study is to assess effects of urban runoff into a detention basin adjacent to Cold Creek.

Dayton Valley consists of water-level measurements at wells, and bulk precipitation readings at sites.

Douglas County Network consists of sites for miscellaneous streamflow measurements, wells for water-level measurements, and ground water water-quality sites where data are routinely collected, principally in Carson Valley, western Nevada. The data will be used to establish background information to determine if changes in water quantity or quality occurs.

Dry Valley Study is a two year water-resource investigation to estimate natural ground-water discharge and to characterize the quality of ground water.

Fallon Basalt Aquifer Monitoring consists of ground-water sites where water-quality samples are taken from municipal supply wells to detect long term chloride and arsenic concentrations of pumped ground-water and streamflow sites where samples are collected to determine changes in stable-isotope composition.

Humboldt River Basin Study consists of stream-gaging stations, and additional streamflow sites where samples were collected for inorganic chemical analyses.

Lake Tahoe Interagency Monitoring Program is a network of surface-water sites where streamflow and water-quality data are routinely collected around Lake Tahoe and ground-water sites monitored for nutrients. The surface-water data will be used to provide a long-term database of streamflow and of sediment and nutrient loadings from major tributaries to Lake Tahoe.

Lake Tahoe Basin Organics Study in Lake Tahoe and other Lower Echo Lake (Nevada and California) consists of lake sites where water samples were taken and analyzed for MTBE and other gasoline components. The data will be used to determine the effectiveness of the prohibition of carbureted 2-stroke engines in the Lake Tahoe Basin.

Other Lakes in the Lake Tahoe Basin is a two-year study to determine the nutrient concentrations in five lakes and associated outlet streams in the Lake Tahoe basin.

Nevada Test Site and Adjacent Areas Monitoring Project collects and compiles hydrogeologic data to aid in characterizing local and regional ground-water flow systems underlying the Nevada Test Site and vicinity. This work is done in cooperation with the U.S. Department of Energy as part of their Environmental Restoration and Hydrologic Resources Management Programs. Specific activities include the collection of water-level, water-use, evapotranspiration, and discharge data. Periodic and continuous water-level measurements are collected from wells and test holes at and adjacent to the Nevada Test Site. Measurements provide information defining short- and long-term water-level fluctuations. Water-use data are compiled for most water-supply wells at the Nevada Test Site. Continuous water-use data are collected at selected well sites. Evapotranspiration and discharge data are collected at Ash Meadows National Wildlife Refuge and Oasis Valley.

Newlands Shallow Aquifer Monitoring Project consists of wells for water-level measurements and ground-water-quality sites in Churchill County, Nevada where data are collected to monitor changes in water levels and water quality caused by changes in land use.

Ruby Valley Study is a six-year project to develop an annual water budget for the Ruby Valley Hydrographic Area. The study is planned to take place in 2 phases with each phase lasting 3 years. Phase 1 (1999-2001) is designed to provide information on annual evapotranspiration from the most biologically important habitats within the Ruby Lake Wildlife Refuge. During Phase 2 (2002-2004), an annual water budget will be developed that incorporates all estimates of inflow and outflow to the basin-fill aquifer system on an annual basis.

Tracy Segment Hydrographic Area Study is a five year project to evaluate and refine estimates of the ground-water budget and the sustainable long-term perennial yeild of the aquifer systems. The project will also examine the quality of ground water in the terms of drinking-water standards for dissolved inorganic constituents.

Trout Creek Watershed Project consists of water-level data collected in the Trout Creek watershed as part of a cooperative study with the Tahoe Regional Planning Agency. The purpose of the study is to provide data on interactions between surface water and ground water along Trout Creek.

Virgin River Basin Project in Southern Nevada consists of streamflow sites to characterize the hydraulics and water quality of the basin. The data will be used to provide a long-term database of chemical loading to Lake Mead.

Yucca Mountain Ground-Water Monitoring Project includes periodic measurements made throughout the Yucca Mountain Area to support environmental and regulatory aspects of the Yucca Mountain Project. Discharge and water-level measurements are made at selected springs and wells. Data presented do not include data collected as part of the Site-Characterization Program nor continual records developed from pressure-sensor data. The data included have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project.

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, landline or cellular-phone modems, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the Techniques of Water-Resources Investigations of the United States Geological Survey (TWRIs), Book 3, Chapt(in)11.1())-)

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some stream-gaging stations, periods of time occur when no gage-height record is obtained or the recorded gage height is faulty and cannot be used to compute daily discharge or contents. Such a situation can happen when the recorder stops or otherwise fails to operate properly, the intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records from other stations in the same or nearby basins. Likewise, lake or reservoir volumes may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of five parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; (4) a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration; and (5) a hydrograph of discharge.

Station Manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments follow that clarify information presented under the various headings of the station description.

LOCATION.—Location information is obtained from the most accurate maps available. The location of the gaging station with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.—Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.—This term indicates the time period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that its flow reasonably can be considered equivalent to flow at the present station.

REVISED RECORDS.—If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.—All periods of estimated daily discharge either will be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, the outlet works and spillway, and the purpose and use of the reservoir.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

REVISIONS.—Records are revised if errors in published records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based National data system, NWISWeb (http://water.usgs.gov/nwis/nwis). Users are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent data updates. Updates to NWISWeb are made on an annual basis.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because no current or, possibly, future station manuscript would be published for these stations to document the revision in a REVISED RECORDS entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the District Office (address given on the back of the title page of this report) to determine if the published records were revised after the station was discontinued. If, however, the data for a discontinued station were obtained by computer retrieval, the data would be current. Any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the REMARKS and in the inclusion of a stage-capacity table when daily volumes are given.

Peak Discharge Greater than Base Discharge

Tables of peak discharge above base discharge are included for some stations where secondary instantaneous peak discharge data are used in flood-frequency studies of highway and bridge design, flood-control structures, and other flood-related projects. The base discharge value is selected so an average of three peaks a year will be reported. This base discharge value has a recurrence interval of approximately 1.1 years or a 91-percent chance of exceedence in any 1 year.

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed TOTAL gives the sum of the daily figures for each month; the line headed MEAN gives the arithmetic average flow in cubic feet per second for the month; and the lines headed MAX and MIN give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month is expressed in cubic feet per second per square mile (line headed CFSM); or in inches (line headed IN); or in acre-feet (line headed AC-FT). Values for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if extensive regulation or diversion is in effect or if the drainage area includes large noncontributing areas. At some stations, monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion,

or diversion data or reservoir volumes are given. These values are identified by a symbol and a corresponding footnote.

Statistics of Monthly Mean Data

A tabular summary of the mean (line headed MEAN), maximum (MAX), and minimum (MIN) of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those values. The designated period will be expressed as FOR WATER YEARS __-__, BY WATER YEAR (WY), and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. The designated period will consist of all of the station record within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript.

Summary Statistics

A table titled SUMMARY STATISTICS follows the statistics of monthly mean data tabulation. This table consists of four columns with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, WATER YEARS __-__, will consist of all of the station records within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (see line headings below), except for the ANNUAL 7-DAY MINIMUM statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

The following summary statistics data are provided with each continuous record of discharge. Comments that follow clarify information presented under the various line headings of the SUMMARY STATISTICS table.

ANNUAL TOTAL.—The sum of the daily mean values of discharge for the year.

ANNUAL MEAN.—The arithmetic mean for the individual daily mean discharges for the year noted or for the designated period.

HIGHEST ANNUAL MEAN.—The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.—The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.—The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.—The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.—The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.

MAXIMUM PEAK FLOW.—The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.—The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.—Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.—The discharge that has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.—The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.—The discharge that has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two tables. The first table lists annual maximum stage and discharge at crest-stage stations, and the second table lists discharge measurements at low-flow partial-

record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified. This identification is shown either by flagging individual daily values with the letter "e" and noting in a table footnote, "e–Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The degree of accuracy of the records is stated in the REMARKS in the station description. "Excellent" indicates that about 95 percent of the daily discharges are within 5 percent of the true value; "good" within 10 percent; and "fair," within 15 percent. "Poor" indicates that daily discharges have less than "fair" accuracy. Different accuracies may be attributed to different parts of a given record.

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft³/s; to the nearest tenths between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to 3 significant figures above 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharge values listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, values of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Records Available

Information of a more detailed nature than that published for most of the stream-gaging stations such as discharge measurements, gage-height records, and rating tables is available from the District office. Also, most stream-gaging station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the District office (see address that is shown on the back of the title page of this report).

EXPLANATION OF PRECIPITATION RECORDS

Data Collection and Computation

Rainfall data generally are collected using electronic data loggers that measure the rainfall in 0.01-inch increments every 15 minutes using either a tipping-bucket rain gage or a collection well gage. Twenty-four

hour rainfall totals are tabulated and presented. A 24-hour period extends from just past midnight of the previous day to midnight of the current day. Snowfall-affected data can result during cold weather when snow fills the rain-gage funnel and then melts as temperatures rise. Snowfall-affected data are subject to errors. Missing values are indicated by this symbol "---" in the table.

Data Presentation

Precipitation records collected at surface-water gaging stations are identified with the same station number and name as the stream-gaging station. Where a surface-water daily-record station is not available, the precipitation record is published with its own name and latitude-longitude identification number.

Information pertinent to the history of a precipitation station is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, period of record, and general remarks.

The following information is provided with each precipitation station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

INSTRUMENTATION.—Information on the type of rainfall collection system is given.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of records.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analysis usually are collected at or near stream-gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, water temperature, sediment discharge, and so forth); extremes for the current year; and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, sampling date, or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most of the methods used for collecting and analyzing water samples are described in the TWRIs. A list of TWRIs is provided in this report.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross-section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum and minimum values (and sometimes mean or median values) for each constituent measured, and are based on 15-minute or 1-hour intervals of recorded data beginning at 0000 hours and ending at 2400 hours for the day of record.

SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data is useful in the interpretation of surface-water quality. Records of surface-water quality in this report involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A *continuous-record station* is a site where data are collected on a regularly scheduled basis. Frequency may be one or more times daily, weekly, monthly, or quarterly. A *partial-record station* is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A *miscellaneous sampling site* is a location other than a continuous- or partial-record station, where samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between *continuous records* as used in this report and *continuous recordings* that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently.

Accuracy of the Records

One of four accuracy classifications is applied for measured physical properties at continuous-record stations on a scale ranging from poor to excellent. The accuracy rating is based on data values recorded before any shifts or corrections are made. Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Rating classifications for continuous water-quality records

[≤, less than or equal to; ±, plus or minus value shown; °C, degree Celsius; >, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical	Rating			
property	Excellent	Good	Fair	Poor
Water temperature	≤ ±0.2 °C	> ±0.2 to 0.5 °C	> ±0.5 to 0.8 °C	>±0.8 °C
Specific conductance	≤ ±3%	$> \pm 3$ to 10%	$> \pm 10$ to 15%	>±15%
Dissolved oxygen	\leq ±0.3 mg/L	$> \pm 0.3$ to 0.5 mg/L	$> \pm 0.5$ to 0.8 mg/L	$> \pm 0.8$ mg/L
pН	$\leq \pm 0.2$ unit	$> \pm 0.2$ to 0.5 unit	$> \pm 0.5$ to 0.8 unit	> ±0.8 unit

Rating classifications for continuous water-quality records

[\leq , less than or equal to; \pm , plus or minus value shown; °C, degree Celsius; >, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical	Rating			
property	Excellent	Good	Fair	Poor
Turbidity	≤ ±5%	> ±5 to 10%	>±10 to 15%	> ±15%

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as water temperature, pH, and dissolved oxygen, must be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. These TWRIs are listed in this report. Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS District office (see address that is shown on the back of title page in this report).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the District office.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

During periods of rapidly changing flow or rapidly changing concentration, samples may be collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge

weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observation, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. All other samples are analyzed in the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRIs, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

DRAINAGE AREA.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—This indicates the time periods for which published water-quality records for the station are available. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.—Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES.—Maximums and minimums are given only for parameters measured daily or more frequently. For parameters measured weekly or less frequently, true maximums or minimums may not have been obtained. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.—Records are revised if errors in published water-quality records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Webbased National data system, NWISWeb (http://waterdata.usgs.gov/nwis). Users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent updates. Updates to the NWISWeb are made on an annual basis.

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remark Codes

The following remark codes may appear with the water-quality data in this section:

Printed Output	Remark
E or e	Estimated value.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
K	Results based on colony count outside the acceptance range (non-ideal colony count).
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted).
D	Biological organism count equal to or greater than 15 percent (dominant).
V	Analyte was detected in both the environmental sample and the associated blanks.
&	Biological organism estimated as dominant.

Water-Quality Control Data

The USGS National Water Quality Laboratory collects quality-control data on a continuing basis to evaluate selected analytical methods to determine long-term method detection levels (LT-MDLs) and laboratory reporting levels (LRLs). These values are re-evaluated each year on the basis of the most recent quality-control data and, consequently, may change from year to year.

This reporting procedure limits the occurrence of false positive error. Falsely reporting a concentration greater than the LT-MDL for a sample in which the analyte is not present is 1 percent or less. Application of the LRL limits the occurrence of false negative error. The chance of falsely reporting a non-detection for a sample in which the analyte is present at a concentration equal to or greater than the LRL is 1 percent or less.

Accordingly, concentrations are reported as less than LRL for samples in which the analyte was either not detected or did not pass identification. Analytes detected at concentrations between the LT-MDL and the LRL and that pass identification criteria are estimated. Estimated concentrations will be noted with a remark code of "E." These data should be used with the understanding that their uncertainty is greater than that of data reported without the E remark code.

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated with the sample data are unknown. The various types of QC samples collected by this District office are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples. These data are not presented in this report but are available from the District office.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected in this district are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank—A blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank—A blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank—A blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank—A blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank—A blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory. The reference material composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for

the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. Many types of replicate samples are possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Concurrent samples—A type of replicate sample in which the samples are collected simultaneously with two or more samplers or by using one sampler and alternating the collection of samples into two or more compositing containers.

Sequential samples—A type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample—A type of replicate sample in which a sample is split into subsamples, each subsample contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Generally, only ground-water-level data from selected wells with continuous recorders from a basic network of observation wells are published in this report. This basic network contains observation wells located so that the most significant data are obtained from the fewest wells in the most important aquifers.

Site Identification Numbers

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is produced for local needs (See NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES in this report for detailed explaination.

Data Collection and Computation

Measurements are made in many types of wells, under varying conditions of access and at different temperatures; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Most methods for collecting and analyzing water samples are described in the TWRIs referred to in the On-site Measurements and Sample Collection and the Laboratory Measurements sections in this report. In addition, TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of groundwater samples for selected unstable constituents. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1 through A9. The values in this report represent water-quality conditions at the

time of sampling, as much as possible, and that are consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. Trained personnel collected all samples. The wells sampled were pumped long enough to ensure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (EOM).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth of water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Data Presentation

Water-level data are presented by hydrographic area. The primary identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary identification number is the local or county well number. Well locations are shown in figures 31, 32, and 34-37.

Each well record consists of three parts: the well description, the data table of water levels observed during the water year, and, for most wells, a hydrograph following the data table. Well descriptions are presented in the headings preceding the tabular data.

The following comments clarify information presented in these various headings.

LOCATION.—This paragraph follows the well-identification number and reports the hydrologic-unit number and a geographic point of reference. Latitudes and longitudes used in this report are reported as North American Datum of 1927 unless otherwise specified.

AQUIFER.—This entry designates by name and geologic age the aquifer that the well taps.

WELL CHARACTERISTICS.—This entry describes the well in terms of depth, casing diameter and depth or screened interval, method of construction, use, and changes since construction.

INSTRUMENTATION.—This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.—This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above the altitude datum; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so forth), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above National Geodetic Vertical Datum of 1929 (NGVD 29); it is reported with a precision depending on the method of determination.

REMARKS.—This entry describes factors that may influence the water level in a well or the measurement of the water level, when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

PERIOD OF RECORD.—This entry indicates the time period for which records are published for the well, the month and year at the start of publication of water-level records by the USGS, and the words "to current year" if the records are to be continued into the following year. Time periods for which water-level records are available, but are not published by the USGS, may be noted.

EXTREMES FOR PERIOD OF RECORD.—This entry contains the highest and lowest instantaneously recorded or measured water levels of the period of published record, with respect to land-surface datum or sea level, and the dates of occurrence.

Water-Level Tables

A table of water levels follows the well description for each well. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (lsd). Missing records are indicated by dashes in place of the water-level value.

For wells not equipped with recorders, water-level measurements were obtained periodically by steel or electric tape. Tables of periodic water-level measurements in these wells show the date of measurement and the measured water-level value.

Hydrographs

Hydrographs are a graphic display of water-level fluctuations over a period of time. In this report, current water year and, when appropriate, period-of-record hydrographs are shown. Hydrographs that display periodic water-level measurements show points that may be connected with a dashed line from one measurement to the next. Hydrographs that display recorder data show a solid line representing the mean water level recorded for each day. Missing data are indicated by a blank space or break in a hydrograph. Missing data may occur as a result of recorder malfunctions, battery failures, or mechanical problems related to the response of the recorder's float mechanism to water-level fluctuations in a well.

GROUND-WATER-QUALITY DATA

Data Collection and Computation

The ground-water-quality data in this report were obtained as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some wells within a county but not for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide.

Most methods for collecting and analyzing water samples are described in the TWRIs. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. Also, detailed information on collecting, treating, and shipping samples may be obtained from the USGS District office (see address shown on back of title page in this report).

Laboratory Measurements

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance, and dissolved oxygen are performed on site. All other sample analyses are performed at the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used by the USGS laboratory are given in TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4.

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). These data may be accessed from http://water.usgs.gov.

Water-quality data and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on various media. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each Water Discipline District Office (See address that is shown on the back of the title page of this report.)

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DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Terms such as algae, water level, and precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units. Other glossaries that also define water-related terms are accessible from http://water.usgs.gov/glossaries.html.

Acid neutralizing capacity (ANC) is the equivalent sum of all bases or base-producing materials, solutes plus particulates, in an aqueous system that can be titrated with acid to an equivalence point. This term designates titration of an "unfiltered" sample (formerly reported as alkalinity).

Acre-foot (AC-FT, acre-ft) is a unit of volume, commonly used to measure quantities of water used or stored, equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters. (See also "Annual runoff")

Adenosine triphosphate (ATP) is an organic, phosphaterich compound important in the transfer of energy in organisms. Its central role in living cells makes ATP an excellent indicator of the presence of living material in water. A measurement of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter.

Adjusted discharge is discharge data that have been mathematically adjusted (for example, to remove the effects of a daily tide cycle or reservoir storage).

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample. (See also "Biomass" and "Dry weight")

Alkalinity is the capacity of solutes in an aqueous system to neutralize acid. This term designates titration of a "filtered" sample.

Annual runoff is the total quantity of water that is discharged ("runs off") from a drainage basin in a year. Data reports may present annual runoff data as volumes in acrefeet, as discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches.

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar year and the water year (October 1 through September 30). Most low-flow frequency analyses use a climatic year (April 1-March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day, 10-year low-flow statistic.)

Aroclor is the registered trademark for a group of polychlorinated biphenyls that were manufactured by the Monsanto Company prior to 1976. Aroclors are assigned specific 4-digit reference numbers dependent upon molecular type and degree of substitution of the biphenyl ring hydrogen atoms by chlorine atoms. The first two digits of a numbered aroclor represent the molecular type, and the last two digits represent the percentage weight of the hydrogen-substituted chlorine.

Artificial substrate is a device that purposely is placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is collected. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also "Substrate")

Ash mass is the mass or amount of residue present after the residue from a dry-mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. Ash mass of zooplankton and phytoplankton is expressed in grams per cubic meter (g/m³), and periphyton and benthic organisms in grams per square meter (g/m²). (See also "Biomass" and "Dry mass")

Aspect is the direction toward which a slope faces with respect to the compass.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, whereas others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Bankfull stage, as used in this report, is the stage at which a stream first overflows its natural banks formed by floods with 1- to 3-year recurrence intervals.

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peak flows per year will be published. (See also "Peak flow")

Base flow is sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced streamflows. Natural base flow is sustained largely by ground-water discharge.

Bed material is the sediment mixture of which a stream-bed, lake, pond, reservoir, or estuary bottom is composed. (See also "Bedload" and "Sediment")

Bedload is material in transport that primarily is supported by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to the top of the bedload sampler nozzle (an elevation ranging from 0.25 to 0.5 foot). These particles are retained in the bedload sampler. A sample collected with a pressure-differential bedload sampler also may contain a component of the suspended load.

Bedload discharge (tons per day) is the rate of sediment moving as bedload, reported as dry weight, that passes through a cross section in a given time. NOTE: Bedload discharge values in this report may include a component of the suspended-sediment discharge. A correction may be necessary when computing the total sediment discharge by summing the bedload discharge and the suspended-sediment discharge. (See also "Bedload," "Dry weight," "Sediment," and "Suspended-sediment discharge")

Benthic organisms are the group of organisms inhabiting the bottom of an aquatic environment. They include a number of types of organisms, such as bacteria, fungi, insect larvae and nymphs, snails, clams, and crayfish. They are useful as indicators of water quality.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as mass per unit area or volume of habitat.

Biomass pigment ratio is an indicator of the total proportion of periphyton that are autotrophic (plants). This also is called the Autotrophic Index.

Blue-green algae (*Cyanophyta*) are a group of phytoplankton and periphyton organisms with a blue pigment in addition to a green pigment called chlorophyll. Blue-green algae can cause nuisance water-quality conditions in lakes and slow-flowing rivers; however, they are found com-

monly in streams throughout the year. The abundance of blue-green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter (μ m³/mL). The abundance of blue-green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter (μ m³/cm²). (See also "Phytoplankton" and "Periphyton")

Bottom material (See "Bed material")

Bulk electrical conductivity is the combined electrical conductivity of all material within a doughnut-shaped volume surrounding an induction probe. Bulk conductivity is affected by different physical and chemical properties of the material including the dissolved-solids content of the pore water, and the lithology and porosity of the rock.

Canadian Geodetic Vertical Datum 1928 is a geodetic datum derived from a general adjustment of Canada's first order level network in 1928.

Cell volume (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are used frequently in aquatic surveys as an indicator of algal production. However, cell numbers alone cannot represent true biomass because of considerable cell-size variation among the algal species. Cell volume (μm³) is determined by obtaining critical cell measurements or cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

sphere $4/3 \pi r^3$ cone $1/3 \pi r^2 h$ cylinder $\pi r^2 h$.

pi (π) is the ratio of the circumference to the diameter of a circle; pi = 3.14159....

From cell volume, total algal biomass expressed as biovolume ($\mu m^3/mL$) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes for all species.

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and generally are reported as cells or units per milliliter (mL) or liter (L).

Cfs-day (See "Cubic foot per second-day")

Channel bars, as used in this report, are the lowest prominent geomorphic features higher than the channel bed.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with BOD or with carbonaceous organic pollution from sewage or industrial wastes. [See also "Biochemical oxygen demand (BOD)"]

Clostridium perfringens (C. perfringens) is a spore-forming bacterium that is common in the feces of human and other warmblooded animals. Clostridial spores are being used experimentally as an indicator of past fecal contamination and the presence of microorganisms that are resistant to disinfection and environmental stresses. (See also "Bacteria")

Coliphages are viruses that infect and replicate in coliform bacteria. They are indicative of sewage contamination of water and of the survival and transport of viruses in the environment.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Control designates a feature in the channel that physically affects the water-surface elevation and thereby determines the stage-discharge relation at the gage. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure, as used in this report, is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic foot per second (CFS, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term "second-foot" sometimes is used synonymously with "cubic foot per second" but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, [(ft³/s)/d]) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily mean discharges reported in the daily value data tables numerically are equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, (ft³/s)/mi²] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also "Annual runoff")

Daily mean suspended-sediment concentration is the time-weighted mean concentration of suspended sediment passing a stream cross section during a 24-hour day. (See also "Sediment" and "Suspended-sediment concentration")

Daily record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data collection can range from continuous recording to data collection on a daily or near-daily basis.

Data collection platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data usually are downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or Universal Transverse Mercator (UTM) coordinates. (See also "Gage datum," "Land-surface datum," "National Geodetic Vertical Datum of 1929," and "North American Vertical Datum of 1988")

Diatoms (*Bacillariophyta*) are unicellular or colonial algae with a siliceous cell wall. The abundance of diatoms in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter (μm³/mL). The abundance of diatoms in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter (μm³/cm²). (See also "Phytoplankton" and "Periphyton")

Diel is of or pertaining to a 24-hour period of time; a regular daily cycle.

Discharge, or flow, is the rate that matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediment or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, pipeline, and so forth, within a given period of time (cubic feet per second). Discharge also can apply to the rate at which constituents, such as suspended sediment, bedload, and dissolved or suspended chemicals, pass through a cross section, in which cases the quantity is expressed as the mass of constituent that passes the cross section in a given period of time (tons per day).

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of "dissolved" constituent concentrations are made on sample water that has been filtered.

Dissolved oxygen (DO) is the molecular oxygen (oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4926 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L CaCO₃) can be converted to carbonate concentration by multiplying by 0.60.

Diversity index (H) (Shannon index) is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = -\sum_{i=1}^{s} \frac{n_i}{n} \log_2 \frac{n_i}{n},$$

where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area upstream from the location, measured in a horizontal plane, that has a common outlet at the site for its surface runoff from precipitation that normally drains by gravity into a stream. Drainage areas given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the Earth's surface that contains a drainage system with a common outlet for its surface runoff. (See "Drainage area")

Dry mass refers to the mass of residue present after drying in an oven at 105 °C, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass. (See also "Ash mass," "Biomass," and "Wet mass")

Dry weight refers to the weight of animal tissue after it has been dried in an oven at 65 °C until a constant weight is achieved. Dry weight represents total organic and inorganic matter in the tissue. (See also "Wet weight")

Embeddedness is the degree to which gravel-sized and larger particles are surrounded or enclosed by finer-sized particles. (See also "Substrate embeddedness class")

Enterococcus bacteria commonly are found in the feces of humans and other warmblooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of enterococci in water is an indication of fecal pollution and the possible presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar (nutrient medium for bacterial growth) and subsequent transfer to EIA medium. Enterococci include *Streptococcus feacalis*, *Streptococcus feacium*, *Streptococcus avium*, and their variants. (See also "Bacteria")

EPT Index is the total number of distinct taxa within the insect orders Ephemeroptera, Plecoptera, and Trichoptera. This index summarizes the taxa richness within the aquatic insects that generally are considered pollution sensitive; the index usually decreases with pollution.

Escherichia coli (E. coli) are bacteria present in the intestine and feces of warmblooded animals. E. coli are a member species of the fecal coliform group of indicator bacteria. In the laboratory, they are defined as those bacteria that produce yellow or yellow-brown colonies on a filter pad saturated with urea substrate broth after primary culturing for 22 to 24 hours at 44.5 °C on mTEC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Estimated (E) value of a concentration is reported when an analyte is detected and all criteria for a positive result are met. If the concentration is less than the method detection limit (MDL), an E code will be reported with the value. If the analyte is identified qualitatively as present, but the quantitative determination is substantially more uncertain, the National Water Quality Laboratory will identify the result with an E code even though the measured value is greater than the MDL. A value reported with an E code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<). For bacteriological data, concentrations are reported as estimated when results are based on non-ideal colony counts.

Euglenoids (*Euglenophyta*) are a group of algae that usually are free-swimming and rarely creeping. They have the ability to grow either photosynthetically in the light or heterotrophically in the dark. (See also "Phytoplankton")

Extractable organic halides (EOX) are organic compounds that contain halogen atoms such as chlorine. These organic compounds are semivolatile and extractable by ethyl acetate from air-dried streambed sediment. The ethyl acetate extract is combusted, and the concentration is determined by microcoulometric determination of the halides formed. The concentration is reported as micrograms of chlorine per gram of the dry weight of the streambed sediment.

Fecal coliform bacteria are present in the intestines or feces of warmblooded animals. They often are used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fecal streptococcal bacteria are present in the intestines of warmblooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fire algae (*Pyrrhophyta*) are free-swimming unicells characterized by a red pigment spot. (See also "Phytoplankton")

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is not exceeded. For example, the 90th percentile of river flow is greater than or equal to 90 percent of all recorded flow rates.

Gage datum is a horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is located slightly below the lowest point of the stream bottom such that the gage height is usually slightly greater than the maximum depth of water. Because the gage datum is not an actual physical object, the datum is usually defined by specifying the elevations of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum that is maintained independently of any national geodetic datum. However, if the elevation of the gage datum relative to the national datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then the gage readings can be converted to elevations above the national datum by adding the elevation of the gage datum to the gage reading.

Gage height (G.H.) is the water-surface elevation, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height often is used interchangeably with the more general term "stage," although gage height is more appropriate when used in reference to a reading on a gage.

Gage values are values that are recorded, transmitted, and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, or 30-minute intervals.

Gaging station is a site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained.

Gas chromatography/flame ionization detector (GC/FID) is a laboratory analytical method used as a screening technique for semivolatile organic compounds that are extractable from water in methylene chloride.

Geomorphic channel units, as used in this report, are fluvial geomorphic descriptors of channel shape and stream velocity. Pools, riffles, and runs are types of geomorphic channel units considered for National Water-Quality Assessment (NAWQA) Program habitat sampling.

Green algae (*Chlorophyta*) are unicellular or colonial algae with chlorophyll pigments similar to those in terrestrial green plants. Some forms of green algae produce mats or floating "moss" in lakes. The abundance of green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter (μm³/mL). The abundance of green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter (μm³/cm²). (See also "Phytoplankton" and "Periphyton")

Habitat, as used in this report, includes all nonliving (physical) aspects of the aquatic ecosystem, although living components like aquatic macrophytes and riparian vegetation also are usually included. Measurements of habitat typically are made over a wider geographic scale than are measurements of species distribution.

Habitat quality index is the qualitative description (level 1) of instream habitat and riparian conditions surrounding the reach sampled. Scores range from 0 to 100 percent with higher scores indicative of desirable habitat conditions for aquatic life. Index only applicable to wadable streams.

Hardness of water is a physical-chemical characteristic that commonly is recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate (CaCO₃).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. *See NOAA Web site:*

http://www.co-ops.nos.noaa.gov/tideglos.html

Hilsenhoff's Biotic Index (HBI) is an indicator of organic pollution that uses tolerance values to weight taxa abundances; usually increases with pollution. It is calculated as follows:

$$HBI = sum \frac{(n)(a)}{N} ,$$

where n is the number of individuals of each taxon, a is the tolerance value of each taxon, and N is the total number of organisms in the sample.

Horizontal datum (See "Datum")

Hydrologic index stations referred to in this report are continuous-record gaging stations that have been selected as representative of streamflow patterns for their respective regions. Station locations are shown on index maps.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. Each hydrologic unit is identified by an 8-digit number.

Inch (IN., in.), in reference to streamflow, as used in this report, refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were distributed uniformly on it. (See also "Annual runoff")

Instantaneous discharge is the discharge at a particular instant of time. (See also "Discharge")

International Boundary Commission Survey Datum refers to a geodetic datum established at numerous monuments along the United States-Canada boundary by the International Boundary Commission.

Island, as used in this report, is a mid-channel bar that has permanent woody vegetation, is flooded once a year, on average, and remains stable except during large flood events.

Laboratory reporting level (LRL) generally is equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a "less than" (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory (NWQL) collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current quality-control data and, therefore, may change. The LRL replaces the term 'non-detection value' (NDV).

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Latent heat flux (often used interchangeably with latent heat-flux density) is the amount of heat energy that converts water from liquid to vapor (evaporation) or from vapor to liquid (condensation) across a specified cross-sectional area per unit time. Usually expressed in watts per square meter.

Light-attenuation coefficient, also known as the extinction coefficient, is a measure of water clarity. Light is attenuated according to the Lambert-Beer equation:

$$I = I_o e^{-\lambda L},$$

where I_o is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light-attenuation coefficient is defined as

$$\lambda = -\frac{1}{L} \log_e \frac{I}{I_o} \,.$$

Lipid is any one of a family of compounds that are insoluble in water and that make up one of the principal components of living cells. Lipids include fats, oils, waxes, and steroids. Many environmental contaminants such as organochlorine pesticides are lipophilic.

Long-term method detection level (LT-MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spikesample measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. *See NOAA Web site:*

http://www.co-ops.nos.noaa.gov/tideglos.html

Macrophytes are the macroscopic plants in the aquatic environment. The most common macrophytes are the rooted vascular plants that usually are arranged in zones in aquatic ecosystems and restricted in the area by the extent of illumination through the water and sediment deposition along the shoreline.

Mean concentration of suspended sediment (Daily mean suspended-sediment concentration) is the time-weighted concentration of suspended sediment passing a stream cross section during a given time period. (See also "Daily mean suspended-sediment concentration" and "Suspended-sediment concentration")

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period. (See also "Discharge")

Mean high or **low tide** is the average of all high or low tides, respectively, over a specific period.

Mean sea level is a local tidal datum. It is the arithmetic mean of hourly heights observed over the National Tidal Datum Epoch. Shorter series are specified in the name; for example, monthly mean sea level and yearly mean sea level. In order that they may be recovered when needed, such datums are referenced to fixed points known as benchmarks. (See also "Datum")

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

Megahertz is a unit of frequency. One megahertz equals one million cycles per second.

Membrane filter is a thin microporous material of specific pore size used to filter bacteria, algae, and other very small particles from water.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Method detection limit (MDL) is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Method of Cubatures is a method of computing discharge in tidal estuaries based on the conservation of mass equation.

Methylene blue active substances (MBAS) indicate the presence of detergents (anionic surfactants). The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (UG/G, μ g/g) is a unit expressing the concentration of a chemical constituent as the mass

(micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per kilogram (UG/KG, μ g/kg) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the constituent per unit mass (kilogram) of the material analyzed. One microgram per kilogram is equivalent to 1 part per billion.

Micrograms per liter (UG/L, μ g/L) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter (US/CM, μS/cm) is a unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in water as the mass (milligrams) of constituent per unit volume (liter) of water. Concentration of suspended sediment also is expressed in milligrams per liter and is based on the mass of dry sediment per liter of water-sediment mixture.

Minimum reporting level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method.

Miscellaneous site, miscellaneous station, or miscellaneous sampling site is a site where streamflow, sediment, and/or water-quality data or water-quality or sediment samples are collected once, or more often on a random or discontinuous basis to provide better areal coverage for defining hydrologic and water-quality conditions over a broad area in a river basin.

Most probable number (MPN) is an index of the number of coliform bacteria that, more probably than any other number, would give the results shown by the laboratory examination; it is not an actual enumeration. MPN is determined from the distribution of gas-positive cultures among multiple inoculated tubes.

Multiple-plate samplers are artificial substrates of known surface area used for obtaining benthic invertebrate samples. They consist of a series of spaced, hardboard plates on an eyebolt.

Nanograms per liter (NG/L, ng/L) is a unit expressing the concentration of chemical constituents in solution as mass

(nanograms) of solute per unit volume (liter) of water. One million nanograms per liter is equivalent to 1 milligram per liter.

National Geodetic Vertical Datum of 1929 (NGVD 29) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It formerly was called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations, it does not necessarily represent local mean sea level at any particular place. See NOAA Web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88 (See "North American Vertical Datum of 1988")

Natural substrate refers to any naturally occurring immersed or submersed solid surface, such as a rock or tree, upon which an organism lives. (See also "Substrate")

Nekton are the consumers in the aquatic environment and consist of large, free-swimming organisms that are capable of sustained, directed mobility.

Nephelometric turbidity unit (NTU) is the measurement for reporting turbidity that is based on use of a standard suspension of formazin. Turbidity measured in NTU uses nephelometric methods that depend on passing specific light of a specific wavelength through the sample.

North American Datum of 1927 (NAD 27) is the horizontal control datum for the United States that was defined by a location and azimuth on the Clarke spheroid of 1866.

North American Datum of 1983 (NAD 83) is the horizontal control datum for the United States, Canada, Mexico, and Central America that is based on the adjustment of 250,000 points including 600 satellite Doppler stations that constrain the system to a geocentric origin. NAD 83 has been officially adopted as the legal horizontal datum for the United States by the Federal government.

North American Vertical Datum of 1988 (NAVD 88) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian, Mexican, and United States first-order terrestrial leveling networks.

Open or **screened interval** is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Organic carbon (OC) is a measure of organic matter present in aqueous solution, suspension, or bottom sediment. May be reported as dissolved organic carbon (DOC), particulate organic carbon (POC), or total organic carbon (TOC).

Organic mass or volatile mass of a living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m²), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Organochlorine compounds are any chemicals that contain carbon and chlorine. Organochlorine compounds that are important in investigations of water, sediment, and biological quality include certain pesticides and industrial compounds.

Parameter code is a 5-digit number used in the USGS computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

Partial-record station is a site where discrete measurements of one or more hydrologic parameters are obtained over a period of time without continuous data being recorded or computed. A common example is a crest-stage gage partial-record station at which only peak stages and flows are recorded.

Particle size is the diameter, in millimeters (mm), of a particle determined by sieve or sedimentation methods. The sedimentation method uses the principle of Stokes Law to calculate sediment particle sizes. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube, sedigraph) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification, as used in this report, agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	>0.00024 - 0.004	Sedimentation
Silt	>0.004 - 0.062	Sedimentation
Sand	>0.062 - 2.0	Sedimentation/sieve
Gravel	>2.0 - 64.0	Sieve

Classification	Size (mm)	Method of analysis
Cobble	>64 - 256	Manual measurement
Boulder	>256	Manual measurement

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. For the sedimentation method, most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the peak recorded value may be taken as an approximation of the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

Percent composition or **percent of total** is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, mass, or volume.

Percent shading is a measure of the amount of sunlight potentially reaching the stream. A clinometer is used to measure left and right bank canopy angles. These values are added together, divided by 180, and multiplied by 100 to compute percentage of shade.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year but at a frequency insufficient to develop a daily record.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. Although primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many dissolved chemical constituents found in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They usually are microscopic, and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment and commonly are known as algae. (See also "Plankton")

Picocurie (PC, pCi) is one-trillionth (1 x 10⁻¹²) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields 3.7 x 10¹⁰ radioactive disintegrations per second (dps). A picocurie yields 0.037 dps, or 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds. They have properties and applications similar to polychlorinated biphenyls (PCBs) and have been identified in commercial PCB preparations.

Pool, as used in this report, is a small part of a stream reach with little velocity, commonly with water deeper than surrounding areas.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated (carbon method) by the plants.

Primary productivity (carbon method) is expressed as milligrams of carbon per area per unit time [mg C/(m²/time)] for periphyton and macrophytes or per volume [mg C/(m³/time)] for phytoplankton. The carbon method defines the amount of carbon dioxide consumed as measured by radioactive carbon (carbon-14). The carbon-14 method is of greater sensitivity than the oxygen light- and dark-bottle method and is preferred for use with unenriched water samples. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Primary productivity (oxygen method) is expressed as milligrams of oxygen per area per unit time [mg O/(m²/time)] for periphyton and macrophytes or per volume [mg O/(m³/time)] for phytoplankton. The oxygen method defines production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light- and dark-bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Radioisotopes are isotopic forms of elements that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus; for example, ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

Reach, as used in this report, is a length of stream that is chosen to represent a uniform set of physical, chemical, and biological conditions within a segment. It is the principal sampling unit for collecting physical, chemical, and biological data.

Recoverable from bed (bottom) material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. (See also "Bed material")

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or nonexceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the 100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100 years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day, 10-year low flow $(7Q_{10})$ is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10 years, on average); almost two-thirds of the nonexceedances of the 7Q₁₀ occur less than 10 years after the previous nonexceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous nonexceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

Replicate samples are a group of samples collected in a manner such that the samples are thought to be essentially identical in composition.

Return period (See "Recurrence interval")

Riffle, as used in this report, is a shallow part of the stream where water flows swiftly over completely or partially submerged obstructions to produce surface agitation.

River mileage is the curvilinear distance, in miles, measured upstream from the mouth along the meandering path of a stream channel in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council and typically is used to denote location along a river.

Run, as used in this report, is a relatively shallow part of a stream with moderate velocity and little or no surface turbulence.

Runoff is the quantity of water that is discharged ("runs off") from a drainage basin during a given time period. Runoff data may be presented as volumes in acre-feet, as mean discharges per unit of drainage area in cubic feet per

second per square mile, or as depths of water on the drainage basin in inches. (See also "Annual runoff")

Sea level, as used in this report, refers to one of the two commonly used national vertical datums (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums.

Sediment is solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, it is referred to as "fluvial sediment." Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are affected by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Sensible heat flux (often used interchangeably with latent sensible heat-flux density) is the amount of heat energy that moves by turbulent transport through the air across a specified cross-sectional area per unit time and goes to heating (cooling) the air. Usually expressed in watts per square meter.

Seven-day, 10-year low flow $(7Q_{10})$ is the discharge below which the annual 7-day minimum flow falls in 1 year out of 10 on the long-term average. The recurrence interval of the $7Q_{10}$ is 10 years; the chance that the annual 7-day minimum flow will be less than the $7Q_{10}$ is 10 percent in any given year. (See also "Annual 7-day minimum" and "Recurrence interval")

Shelves, as used in this report, are streambank features extending nearly horizontally from the flood plain to the lower limit of persistent woody vegetation.

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Sodium hazard in water is an index that can be used to evaluate the suitability of water for irrigating crops.

Soil heat flux (often used interchangeably with soil heatflux density) is the amount of heat energy that moves by conduction across a specified cross-sectional area of soil per unit time and goes to heating (or cooling) the soil. Usually expressed in watts per square meter.

Soil-water content is the water lost from the soil upon drying to constant mass at 105 °C; expressed either as mass of water per unit mass of dry soil or as the volume of water per unit bulk volume of soil.

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stable isotope ratio (per MIL) is a unit expressing the ratio of the abundance of two radioactive isotopes. Isotope ratios are used in hydrologic studies to determine the age or source of specific water, to evaluate mixing of different water, as an aid in determining reaction rates, and other chemical or hydrologic processes.

Stage (See "Gage height")

Stage-discharge relation is the relation between the watersurface elevation, termed stage (gage height), and the volume of water flowing in a channel per unit time.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Substrate embeddedness class is a visual estimate of riffle streambed substrate larger than gravel that is surrounded or covered by fine sediment (<2 mm, sand or finer). Below are the class categories expressed as the percentage covered by fine sediment:

 0
 no gravel or larger substrate
 3
 26-50 percent

 1
 > 75 percent
 4
 5-25 percent

 2
 51-75 percent
 5
 < 5 percent</td>

Surface area of a lake is that area (acres) encompassed by the boundary of the lake as shown on USGS topographic maps, or other available maps or photographs. Because surface area changes with lake stage, surface areas listed in this report represent those determined for the stage at the time the maps or photographs were obtained. **Surficial bed material** is the upper surface (0.1 to 0.2 foot) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Surrogate is an analyte that behaves similarly to a target analyte, but that is highly unlikely to occur in a sample. A surrogate is added to a sample in known amounts before extraction and is measured with the same laboratory procedures used to measure the target analyte. Its purpose is to monitor method performance for an individual sample.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is defined operationally as the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended water-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment, and, thus, the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by directly analyzing the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total recoverable concentrations of the constituent. (See also "Suspended")

Suspended sediment is the sediment maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid. (See also "Sediment")

Suspended-sediment concentration is the velocity-

weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 foot above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L). The analytical technique uses the mass of all of the sediment and the net weight of the water-sediment mixture in a sample to compute the suspended-sediment concentration. (See also "Sediment" and "Suspended sediment")

Suspended-sediment discharge (tons/d) is the rate of sediment transport, as measured by dry mass or volume, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft³/s) x 0.0027. (See also "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Suspended-sediment load is a general term that refers to a given characteristic of the material in suspension that passes a point during a specified period of time. The term needs to be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It is not synonymous with either suspended-sediment discharge or concentration. (See also "Sediment")

Suspended solids, total residue at 105 °C concentration is the concentration of inorganic and organic material retained on a filter, expressed as milligrams of dry material per liter of water (mg/L). An aliquot of the sample is used for this analysis.

Suspended, total is the total amount of a given constituent in the part of a water-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total." Determinations of "suspended, total" constituents are made either by directly analyzing portions of the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total concentrations of the constituent. (See also "Suspended")

Synoptic studies are short-term investigations of specific water-quality conditions during selected seasonal or hydrologic periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

Taxa (**Species**) **richness** is the number of species (taxa) present in a defined area or sampling unit.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchial scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, *Hexagenia limbata*, is the following:

Kingdom: Animal
Phylum: Arthropeda
Class: Insecta

Order: Ephemeroptera Family: Ephemeridae Genus: *Hexagenia*

Species: Hexagenia limbata

Thalweg is the line formed by connecting points of minimum streambed elevation (deepest part of the channel).

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table descriptions and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water resulting from the mixing of flow proportionally to the duration of the concentration.

Tons per acre-foot (T/acre-ft) is the dry mass (tons) of a constituent per unit volume (acre-foot) of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY, tons/d) is a common chemical or sediment discharge unit. It is the quantity of a substance in solution, in suspension, or as bedload that passes a stream section during a 24-hour period. It is equivalent to 2,000 pounds per day, or 0.9072 metric ton per day.

Total is the amount of a given constituent in a representative whole-water (unfiltered) sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined at least 95 percent of the constituent in the sample.)

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warmblooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-

negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 milliliters of sample. (See also "Bacteria")

Total discharge is the quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Total length (fish) is the straight-line distance from the anterior point of a fish specimen's snout, with the mouth closed, to the posterior end of the caudal (tail) fin, with the lobes of the caudal fin squeezed together.

Total load refers to all of a constituent in transport. When referring to sediment, it includes suspended load plus bed load.

Total organism count is the number of organisms collected and enumerated in any particular sample. (See also "Organism count/volume")

Total recoverable is the amount of a given constituent in a whole-water sample after a sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data for whole-water samples, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures may produce different analytical results.

Total sediment discharge is the mass of suspendedsediment plus bed-load transport, measured as dry weight, that passes a cross section in a given time. It is a rate and is reported as tons per day. (See also "Bedload," "Bedload discharge," "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Total sediment load or **total load** is the sediment in transport as bedload and suspen It Tw[(t i47-12.6(m[(ta[(py.5(t)uh(py.5(Tc-0

helium, and, subsequently, analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They often are components of fuels, solvents, hydraulic fluids, paint thinners, and dry-cleaning agents commonly used in urban settings. VOC contamination of drinkingwater supplies is a human-health concern because many are toxic and are known or suspected human carcinogens.

Water table is that surface in a ground-water body at which the water pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which the water table is found.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the "2002 water year."

Watershed (See "Drainage basin")

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976.) Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

Wet mass is the mass of living matter plus contained water. (See also "Biomass" and "Dry mass")

Wet weight refers to the weight of animal tissue or other substance including its contained water. (See also "Dry weight")

WSP is used as an acronym for "Water-Supply Paper" in reference to previously published reports.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and often are large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers. (See also "Plankton")

Techniques of Water-Resources Investigations of the U.S. Geological Survey

The USGS publishes a series of manuals, the Techniques of Water-Resources Investigations, describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

Reports in the Techniques of Water-Resources Investigations series, which are listed below, are online at http://water.usgs.gov/pubs/twri/. Printed copies are for sale by the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office), telephone 1-888-ASK-USGS. Please telephone 1-888-ASK-USGS for current prices, and refer to the title, book number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations." Products can then be ordered by telephone, or online at http://www.usgs.gov/sales.html, or by FAX to (303)236-469 of an order form available online at http://mac.usgs.gov/isb/pubs/forms/. Prepayment by major credit card or by a check or money order payable to the "U.S. Geological Survey" is required.

Book 1. Collection of Water Data by Direct Measurement

Section D. Water Quality

1–D1. *Water temperature—Influential factors, field measurement, and data presentation*, by H.H. Stevens, Jr., J.F. Ficke, and G.F. Smoot: USGS–TWRI book 1, chap. D1. 1975. 65 p.

1–D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W.W. Wood: USGS–TWRI book 1, chap. D2. 1976. 24 p.

Book 2. Collection of Environmental Data

Section D. Surface Geophysical Methods

2–D1. *Application of surface geophysics to ground-water investigations*, by A.A.R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS–TWRI book 2, chap. D1. 1974. 116 p.

2–D2. Application of seismic-refraction techniques to hydrologic studies, by F.P. Haeni: USGS–TWRI book 2, chap. D2. 1988. 86 p.

Section E. Subsurface Geophysical Methods

2–E1. Application of borehole geophysics to water-resources investigations, by W.S. Keys and L.M. MacCary: USGS–TWRI book 2, chap. E1. 1971. 126 p.

2–E2. *Borehole geophysics applied to ground-water investigations*, by W.S. Keys: USGS–TWRI book 2, chap. E2. 1990. 150 p.

Section F. Drilling and Sampling Methods

2–F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W.E. Teasdale: USGS–TWRI book 2, chap. F1. 1989. 97 p.

Book 3. Applications of Hydraulics

Section A. Surface-Water Techniques

- 3–A1. *General field and office procedures for indirect discharge measurements*, by M.A. Benson and Tate Dalrymple: USGS–TWRI book 3, chap. A1. 1967. 30 p.
- 3–A2. Measurement of peak discharge by the slope-area method, by Tate Dalrymple and M.A. Benson: USGS–TWRI book 3, chap. A2. 1967. 12 p.
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- 3–B1. *Aquifer-test design, observation, and data analysis,* by R.W. Stallman: USGS–TWRI book 3, chap. B1. 1971. 26 p.
- 3–B2.*Introduction to ground-water hydraulics, a programed text for self-instruction*, by G.D. Bennett: USGS–TWRI book 3, chap. B2. 1976. 172 p.
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Section A. Statistical Analysis

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- 4-B1.Low-flow investigations, by H.C. Riggs: USGS-TWRI book 4, chap. B1. 1972. 18 p.
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4–D1. *Computation of rate and volume of stream depletion by wells*, by C.T. Jenkins: USGS–TWRI book 4, chap. D1. 1970. 17 p.

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- 6–A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS–TWRI book 6, chap. A1. 1988. 586 p.
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- 7–C1. Finite difference model for aquifer simulation in two dimensions with results of numerical experiments, by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS–TWRI book 7, chap. C1. 1976. 116 p.
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8–B2. Calibration and maintenance of vertical-axis type current meters, by G.F. Smoot and C.E. Novak: USGS–TWRI book 8, chap. B2. 1968. 15 p.

Book 9. Handbooks for Water-Resources Investigations

Section A. National Field Manual for the Collection of Water-Quality Data

9–A1. *National field manual for the collection of water-quality data: Preparations for water sampling*, by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A1. 1998. 47 p.

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9–A9. *National field manual for the collection of water-quality data: Safety in field activities*, by S.L. Lane and R.G. Fay: USGS–TWRI book 9, chap. A9. 1998. 60 p.

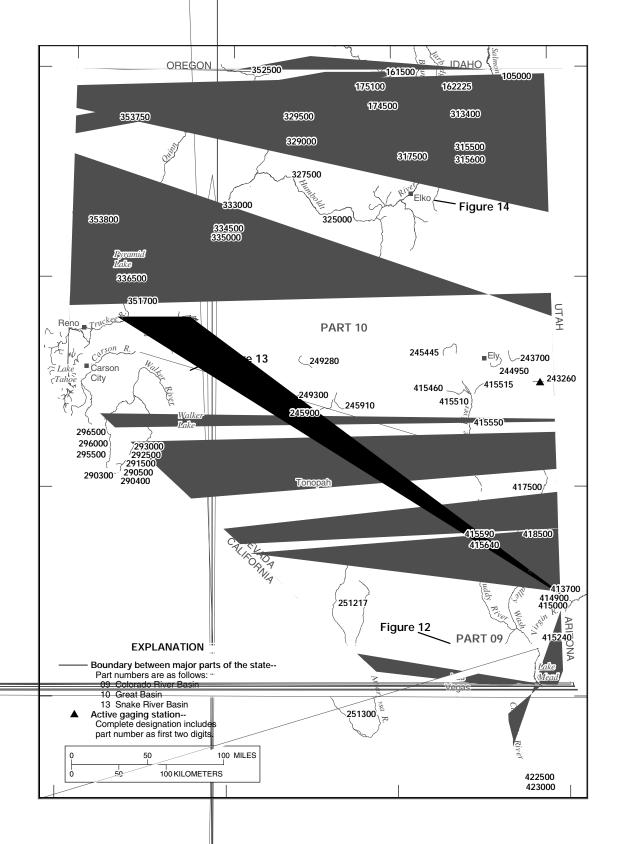


Figure 11. Gaging stations listed in this report.

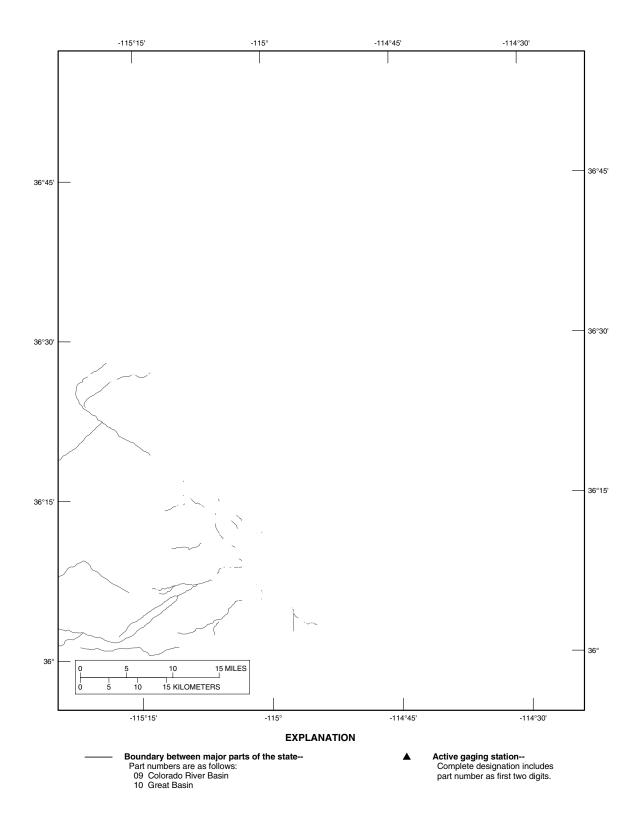
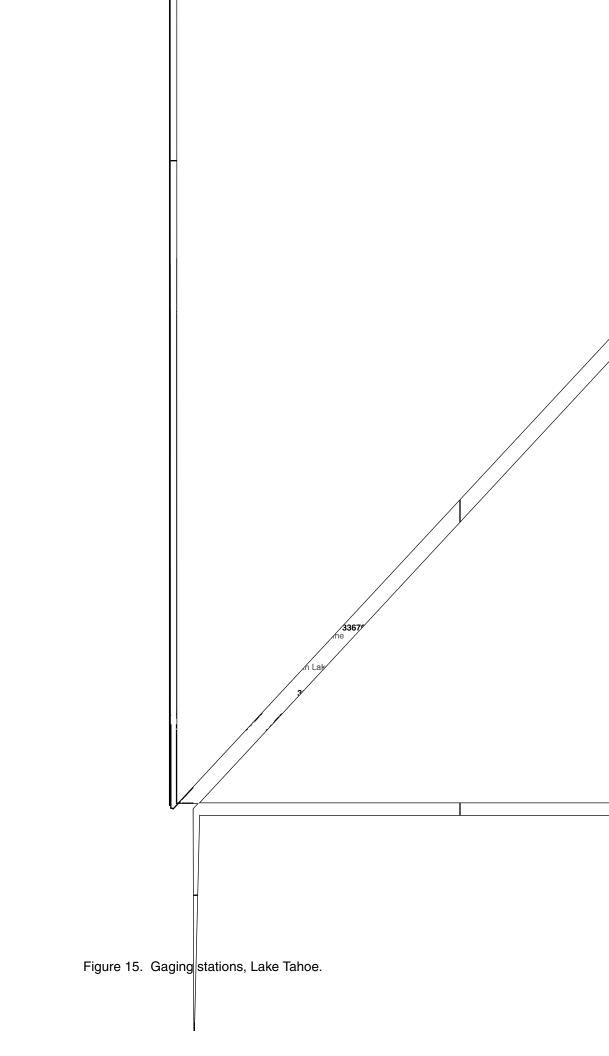


Figure 12. Gaging stations, southeastern Nevada.



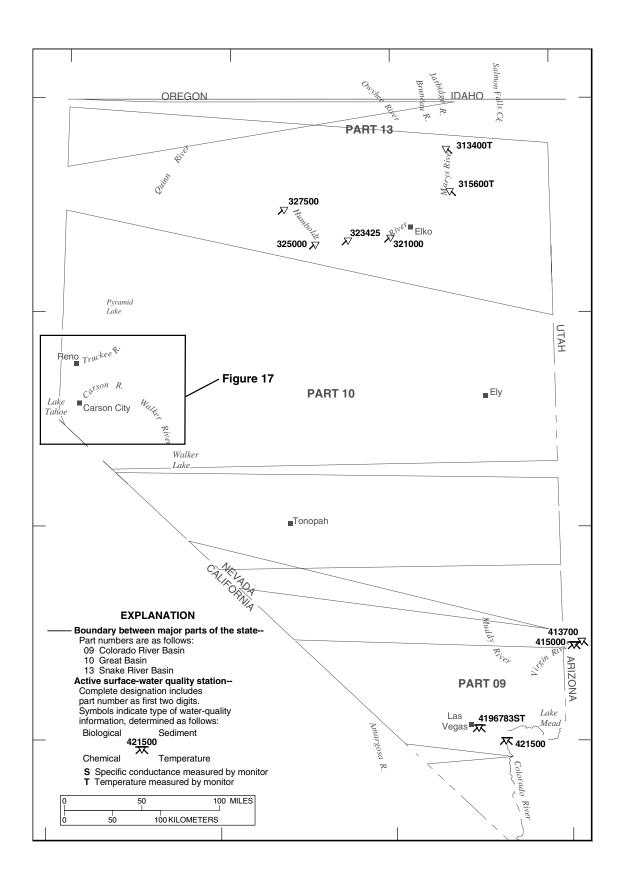


Figure 16. Surface-water quality stations, listed in this report.



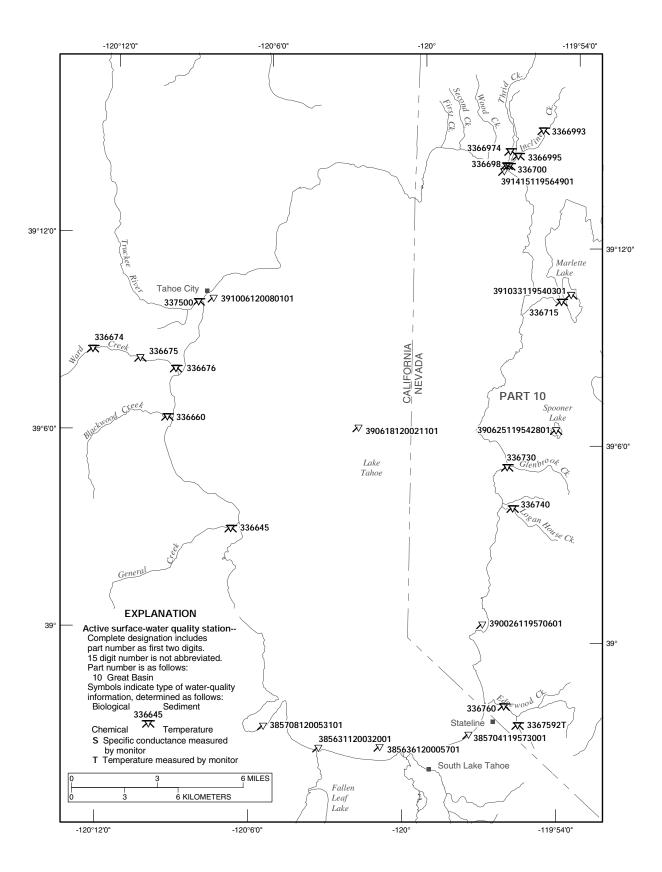


Figure 18. Surface-water quality stations, Lake Tahoe.

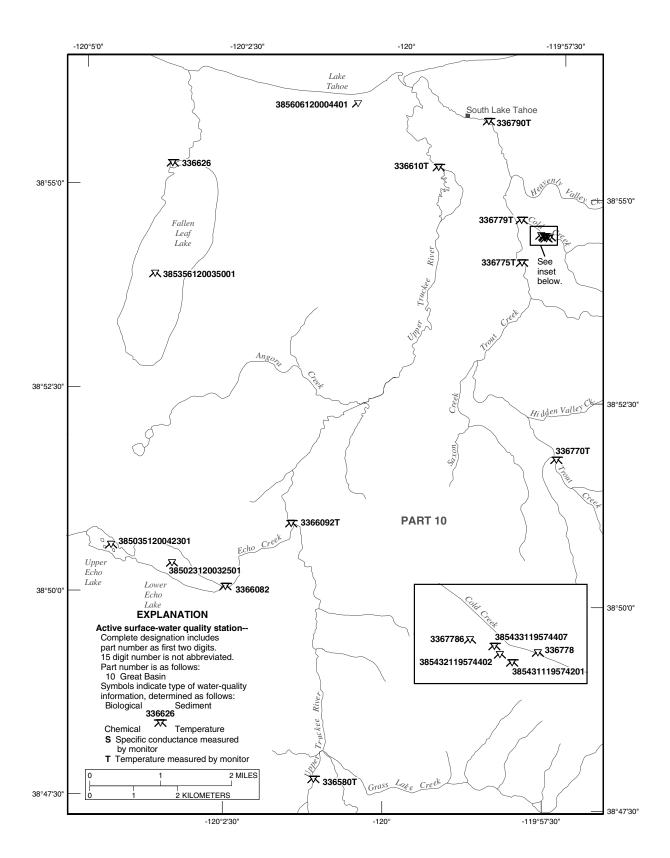


Figure 19. Surface-water quality stations, Upper Truckee River basin.

SURFACE WATER RECORDS

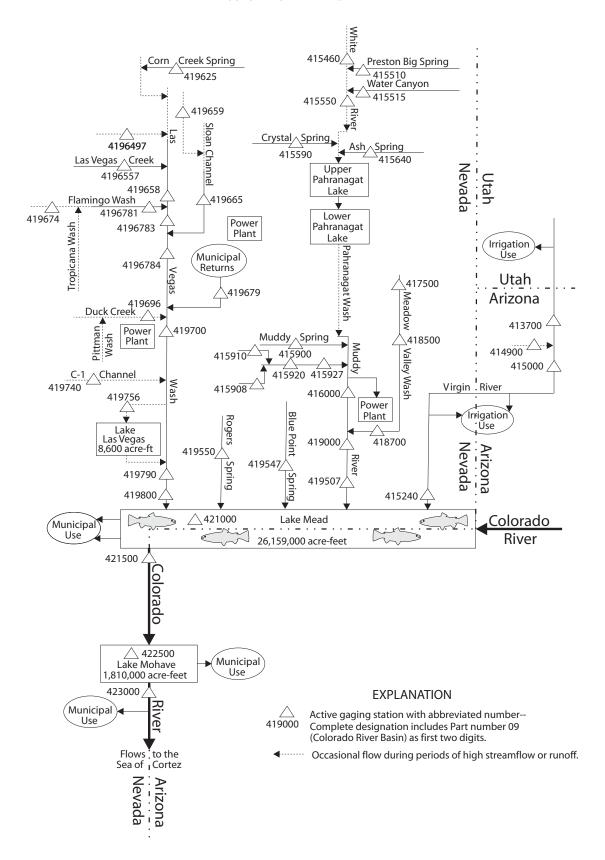


Figure 20. Schematic diagram of flow system and gaging stations in the Colorado River basin.

SURFACE-WATER RECORDS

COLORADO RIVER BASIN

VIRGIN RIVER BASIN

09413700 VIRGIN RIVER ABOVE THE NARROWS NEAR LITTLEFIELD, AZ

LOCATION.--Lat 36°55''16", long 113°49'52", in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec. 29, T.41 N., R.14 W., Mohave County, Hydrologic Unit 15010010, on right bank, 50 ft east of edge of roadway of I-15, 225 ft south of mile marker 15, 6.8 mi upstream from Littlefield, and 43 mi upstream from Lake Mead.

DRAINAGE AREA.--4,415 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,000 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Colorado River Basin.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of January 1, 1989, 61,000 ft³/s, on basis of slope-area measurement of peak flow at site about 1.0 mi downstream, due to failure of Quail Creek Dam.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,200 ft³/s, August 16, gage height, 10.61 ft, from high water mark; no flow June 12 to July 25, and August 11, 13, and 14.

		DISC	HARGE, CUI	BIC FEET PER		WATER YE MEAN VA	AR OCTOBER 2 LUES	2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	51	87	97	48	160	29	28	16	0.00	71	21
2	205	43	85	96	56	147	21	36	36	0.00	144	18
3	278	58	83	92	73	117	24	28	23	0.00	43	11
4	226	51	83	90	66	115	24	29	9.3	0.00	18	116
5	95	62	88	86	57	105	19	43	1.6	0.00	4.9	45
6	89	60	87	94	72	94	24	36	0.04	0.00	0.49	69
7	75	62	92	94	73	96	3 0	27	0.03	0.00	0.08	48
8	63	65	92	8.8	59	8 9	27	35	1.1	0.00	0.41	26
9 10	49 38	540 391	95 91	84 77	69 82	101 95	25 26	36 29	2.7	0.00	0.24	17 16
11	42	1.54	95	87	106	89	27	25	0 10	0.00	0.00	12
12	36	154 114	98	105	97	83	29	29	0.12	0.00	0.00	11
13	43	95	95	85	168	83	25	29	0.00	0.00	0.13	8.3
14	36	86	86	93	272	67	38	21	0.00	0.00	0.00	7.0
15	29	91	84	84	138	61	50	18	0.00	0.00	6.6	9.4
16	27	86	88	82	104	61	93	12	0.00	0.00	217	12
17	3 0	78	94	75	102	340	61	50	0.00	0.00	27	10
18	27	82	118	61	110	174	39	43	0.00	0.00	63	6.3
19	24	83	117	58	99	110	53	22	0.00	0.00	81	7.6
20	29	75	99	65	99	8 0	39	14	0.00	0.00	59	7.4
21	32	75	99	57	83	73	31	11	0.00	0.00	29	8.5
22	3 7	77	105	65	76	55	36	8.5	0.00	0.00	48	8.6
23	4 0	69	103	63	70	42	55	6.7	0.00	0.00	254	12
24	42	72	102	64	72	44	88	7.2	0.00	0.00	59	12
25	46	72	96	58	80	38	66	9.1	0.00	0.00	153	13
26	41	87	93	55	278	45	63	6.1	0.00	0.19	67	12
27	5 9	71	92	54	157	41	35	11	0.00	11	29	12
28	98	75	97	53	146	34	30	12	0.00	5.4	19	9.2
29 30	66 50	76 78	97 98	58 47		32 29	26 24	6.0 7.1	0.00	2.0	16 31	12 12
31	49		95	49		28		3.2		177	26	
moma r	2000	2070	2024	2216	2012	2720	1157	672 0	00 00	105 60	1466 00	E00 2
TOTAL MEAN	2080 67.1	3079 103	2934 94.6	2316	2912 104	2728	1157 38.6	672.9 21.7	92.29	195.60	1466.88	589.3 19.6
MAX	278	540	118	74.7 105	278	88.0 340	93	50	3.08	6.31 177	47.3 254	116
MIN	24	43	83	47	48	28	19	3.2	0.00	0.00	0.00	6.3
AC-FT	4130	6110	5820	4590	5780	5410	2290	1330	183	388	2910	1170
STATIST	TICS OF MC	ONTHLY MEA	N DATA F	OR WATER YE	EARS 1998	- 2003,	BY WATER	YEAR (WY)				
MEAN	87.4	115	120	107	122	114	117	80.7	14.3	50.9	43.2	98.6
MAX	145	212	216	172	180	194	209	162	49.3	153	81.5	376
(WY)	1999	1999	1999	1999	1999	2000	2001	2001	1999	1998	1999	1998
MIN	55.0	77.0	85.2	74.7	55.7	49.9	33.1	11.5	1.41	6.31	0.68	19.6
(WY)	2002	2002	2000	2003	2002	2002	2002	2002	2002	2003	2002	2003
SUMMARY	STATISTI	cs	FOR	2002 CALENI	DAR YEAR	I	FOR 2003 WA	TER YEAR		WATER Y	EARS 1998	- 2003
ANNUAL	TOTAL			17277.60			20222.97					
ANNUAL				47.3			55.4			82	. 5	
	ANNUAL N									128		1999
	ANNUAL ME									46		2002
	DAILY ME				Nov 9			Nov 9		2600	Sep 1:	2 1998
	DAILY MEA				Jun 16			Jun 12 Jun 12			.00 Jun 2	
	SEVEN-DAY 1 PEAK FLO			0.00	Aug 16			Aug 16			.00 Jun 2: Jan	
	1 PEAK FLO 1 PEAK STA							Aug 16			.61 Aug 1	
	RUNOFF (A			34270			40110	nug 10		59760		2005
	CENT EXCE			95			102			197		
	CENT EXCEE			40			44			68		
90 PERC	CENT EXCEE	EDS		0.10			0.00			2 .	. 7	

09413700 VIRGIN RIVER ABOVE THE NARROWS NEAR LITTLEFIELD, AZ--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1998 to current year.

REMARKS.--In June 1998, station was established in cooperation with the Southern Nevada Water Authority to characterize the hydraulics and water quality of the Virgin River Basin.

Date	Time	Sample type	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)
DEC										
12	0940	ENVIRONMENTAL	96	714	11.8	102	8.0	3000		6.0
MAR										
25	0840	ENVIRONMENTAL	36	713	12.5	127	8.3	3400	24.0	12.5
SEP										
23	0930	ENVIRONMENTAL	12	708	10.4	117	8.5	3400		17.0

09414900 BEAVER DAM WASH AT BEAVER DAM, AZ

 $LOCATION.--Lat\ 36^{\circ}54^{\circ}\cdot07", long\ 113^{\circ}55^{\circ}58", in\ NW\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec.\ 5,\ T.40\ N.,\ R.15\ W.,\ Mohave\ County,\ Hydrologic\ Unit\ 15010010,\ on\ upstream\ end\ of\ bridge\ pier\ at\ Beaver\ Dam,\ AZ.$

DRAINAGE AREA.--575 mi².

PERIOD OF RECORD.--February 1993 to September 1994, October 1995 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 1,850 ft above NGVD of 1929, from bench mark on bridge.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

EXTREMES PERIOD OF RECORD.—Maximum discharge, 5,940 ft³/s, February 10, 1993, gage height, 7.14 ft from rating curve extended above 2,220 ft³/s; minimum daily, 0.11 ft³/s, February 18, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 460 ft³/s, September 6, gage height, 7.34 ft; minimum daily, 0.86 ft³/s, August 30, 31, September 1-4.

		DISCHARGE	, CUBIC	FEET PER		WATER Y	EAR OCTOBER	2002 TO	SEPTEMB	BER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.0	1.3	1.6	2.0	3.0	1.6	1.8	1.6	1.4	1.4	0.86
2	1.4	0.94	1.3	1.6	2.0	2.2	1.6	1.8	1.6	1.4	1.4	0.86
3	1.4	1.00	1.5	1.7	2.0	2.2	1.6	1.8	1.5	1.4	1.4	0.86
4	1.4	1.0	1.5	1.7	2.0	2.2	1.6	1.8	1.5	1.4	1.4	0.86
5	1.4	1.1	1.5	1.7	2.0	2.2	1.6	1.9	1.5	1.4	e1.4	e0.90
6	1.2	1.1	1.5	1.7	2.0	2.2	1.5	1.9	1.5	1.4	e1.4	14
7	1.2	1.1	1.5	1.7	2.0	2.2	1.6	1.9	1.5	1.4	e1.4	e0.90
8	1.3	1.1	1.5	1.7	2.0	2.2	1.6	1.9	1.5	1.4	e1.4	e0.90
9	1.3	1.1	1.6	1.7	2.0	2.1	1.6	1.9	1.5	1.4	e1.4	e1.0
10	1.3	1.1	1.6	1.7	1.9	2.2	1.6	1.9	1.5	1.4	e1.3	1.0
11	1.3	1.1	1.6	1.7	1.9	2.2	1.6	1.9	1.5	1.4	1.3	1.1
12	1.3	1.1	1.5	1.8	1.9	2.2	1.5	1.9	1.5	1.4	1.3	1.1
13	1.3	1.0	1.5	1.8	1.9	2.2	1.5	1.9	1.5	1.4	1.3	1.1
14	1.3	1.1	1.5	1.9	1.9	2.2	1.5	1.9	1.5	1.4	1.3	1.1
15	1.3	1.3	1.5	1.8	1.9	2.1	1.5	1.9	1.5	1.4	1.3	1.1
16	1.2	1.3	1.5	1.9	1.9	4.4	1.4	1.9	1.5	1.4	1.3	1.1
17	1.1	1.3	1.6	1.9	1.9	4.5	1.4	1.8	1.5	1.3	1.4	1.1
18	1.1	1.3	1.6	1.9	1.9	1.9	1.6	1.9	1.5	1.3	1.3	1.1
19	1.1	1.2	1.6	1.9	1.9	2.0	1.5	1.9	1.5	1.3	1.3	1.1
20	1.1	1.2	1.6	2.0	1.9	2.0	1.6	1.9	1.4	1.3	1.4	1.1
21	1.1	1.3	1.6	2.1	1.9	2.0	1.6	1.9	1.4	1.2	1.4	1.1
22	1.1	1.4	1.6	2.1	1.9	2.0	1.6	1.9	1.4	1.2	1.7	1.1
23	1.0	1.4	1.6	2.1	1.8	2.1	1.6	1.9	1.4	1.3	e1.4	1.1
24	1.1	1.4	1.6	2.1	1.7	1.9	1.7	1.9	1.4	1.3	e1.3	1.1
25	1.1	1.3	1.6	2.1	1.8	1.8	1.7	1.9	1.4	1.3	e1.2	1.1
26	1.1	1.4	1.7	2.1	1.9	1.8	1.7	1.9	1.4	1.3	e1.0	1.0
27	1.1	1.4	1.7	2.2	2.0	1.7	1.7	1.9	1.4	1.4	0.91	1.0
28	1.0	1.4	1.7	2.0	2.0	1.7	1.7	1.9	1.4	1.4	0.96	1.0
29	1.0	1.4	1.7	2.0		1.7	1.7	2.0	1.4	1.4	0.94	1.0
30	1.0	1.3	1.6	2.0		1.6	1.8	1.9	1.4	1.4	0.86	1.0
31	1.0		1.6	2.0		1.6		1.6		1.4	0.86	
TOTAL	36.8	36.14	48.3	58.2	53.9	68.3	47.8	58.2	44.1	42.2	39.63	43.64
MEAN	1.19	1.20	1.56	1.88	1.93	2.20	1.59	1.88	1.47	1.36	1.28	1.45
MAX	1.4	1.4	1.7	2.2	2.0	4.5	1.8	2.0	1.6	1.4	1.7	14
MIN	1.0	0.94	1.3	1.6	1.7	1.6	1.4	1.6	1.4	1.2	0.86	0.86
AC-FT	73	72	96	115	107	135	95	115	87	84	79	87
STATIST	ICS OF M	ONTHLY MEAN	DATA FO	R WATER YE	ARS 1993	- 2003	, BY WATER Y	EAR (WY)				
MEAN	2.17	2.28	2.51	2.64	5.95	5.50	3.12	2.28	2.02	1.99	1.96	2.14
MAX	2.88		3.23	3.40	31.2	30.1	9.31	2.91	2.56	2.62	2.75	3.90
(WY)	1994		1996	1997	1998	1993	1993	1993	1997	1993	1993	1998
MIN	1.19		1.56	1.88	1.75	1.90	1.28	1.52	1.43	1.36	1.07	1.11
(WY)	2003		2003	2003	2002	2002	2002	2002	2001	2003	2002	1993
SUMMARY	STATIST	ICS	FOR 2	002 CALENI	OAR YEAR		FOR 2003 WAT	TER YEAR		WATER YEAR	RS 1993	- 2003
ANNUAL '	TOTAL			580.34			577.21					
ANNUAL				1.59			1.58			2.5	6	
HIGHEST	ANNUAL I	MEAN								4.9	6	1998
	ANNUAL M										8	
HIGHEST	DAILY M	EAN		40	Sep 11		14	Sep 6 Aug 30		1720	Ech	0 1002
	DAILY ME				Sep 10		0.86	Aug 30		0.1	1 Feb 1	8 1993
ANNUAL	SEVEN-DA	Y MINIMUM		0.65	Aug 11		0.87	Aug 30		0.6	5 Aug 1	1 2002
MAXIMUM	PEAK FL	WC					460	Sep 6 Sep 6		5940	Feb 1	0 1993
MAXIMUM	PEAK ST	AGE					7.34	Sep 6		7.3	4 Sep	6 2003
ANNUAL	RUNOFF (AC-FT)		1150			1140			1860		
10 PERC	ENT EXCE	EDS		2.1			2.0			3.0		
	ENT EXCE			1.5			1.5			2.2		
90 PERC	ENT EXCE	EDS		0.98			1.1			1.5		

e Estimated

(WY)

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ

LOCATION.--Lat 36x°53'30", long 113°55'25", in SW ¹/₄ SW ¹/₄ sec.4, T.40 N., R.15 W., Mohave County, Hydrologic Unit 15010010, on right bank, 0.5 mi downstream from Beaver Dam Wash, 0.4 mi upstream from Littlefield, and 36 mi upstream from Lake Mead.

DRAINAGE AREA.--5,090 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- October 1929 to current year.

REVISED RECORDS.--WSP 959: 1932. WSP 979: 1930-31, 1933-37. WSP 1313: 1940 (M).

GAGE.--Water-stage recorder. Datum of gage is 1,763.68 ft above NGVD of 1929. Prior to May 28, 1933, nonrecording gage at site 300 ft upstream, and May 28, 1933, to November 7, 1939, at same site, both at datum 2.53 ft higher. November 8, 1939, to March 31, 1942, nonrecording gage at same site at datum 2.00 ft higher. April 1, 1942, to September 30, 1970, water-stage recorder at same site at same datum. October 1, 1970, to August 7, 1979, at site 300 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,000 ft³/ s, January 1, 1989, gage height, 22.37 ft, due to failure of Quail Creek Dam; maximum discharge excluding 1989: 35,200 ft³/ s, December 6, 1966, gage height, 15.66 ft, for site then in use, from rating curve exteded above 1,500 ft³/ s on basis of slope-area measurement of peak flow; minimum daily, 40 ft³/ s, August 6, 1966.

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR	YEAR	FOR 2003 W	ATER YE	AR	WATER YEARS	1930	- 2003
ANNUAL TOTAL	38869		42464					
ANNUAL MEAN	106		116			237		
HIGHEST ANNUAL MEAN						697		1983
LOWEST ANNUAL MEAN						100		1991
HIGHEST DAILY MEAN	818	Nov 9	819	Aug	23	17000	Mar	3 1938
LOWEST DAILY MEAN	46	Aug 16	46	Jun	27	40	Aug	6 1966
ANNUAL SEVEN-DAY MINIMUM	47	Aug 12	47	Jun	25	41	Aug	3 1966
MAXIMUM PEAK FLOW			2080	Jul	31	61000	Jan	1 1989
MAXIMUM PEAK STAGE			7.	01 Jul	31	22.37	Jan	1 1989
ANNUAL RUNOFF (AC-FT)	77100		84230			172000		
10 PERCENT EXCEEDS	157		170			415		
50 PERCENT EXCEEDS	99		97			146		
90 PERCENT EXCEEDS	51		50			61		

e Estimated

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948 to current year.

PERIOD OF DAILY RECORD.--

CHEMICAL ANALYSES: July 1949 to September 1969. SPECIFIC CONDUCTANCE: October 1947 to March 1988. WATER TEMPERATURE: October 1947 to March 1988.

SEDIMENT DATA: October 1947 to September 1968, October 1992 to September 1995.

REMARKS.--Data was collected in cooperation with the Southern Nevada Water Authority to characterize the hydraulics and water quality of the Virgin River Basin and to establish information on chemical loading into Lake Mead. Streamflow is not completely homogenous chemically from bank to bank. Flow adjacent to north (right) bank is generally more dilute than average, particularly at times of low streamflow; monthly data collected during June 1975-September 1976 indicate that specific conductance off north bank was 93 to 100 percent of streamwide average (range of discharge, 60-230 ft³/s). Water temperature characteristically shows little or no variation from bank to bank. Detailed sampling information for period since June 1975 is available from U.S. Geological Survey, Carson City, Nevada.

EXTREMES MEASURED FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4,650 microsiemens/cm, August 21, 1966; minimum, 615 microsiemens/cm, May 27, 28, 30, 31, 1983. WATER TEMPERATURE: Maximum, 33.5° C, July 7, 1953; minimum, 2.0°C January 4, 1949, January 4, 1950, January 4, 5, 1971.

			~		,								
Date	Time	Sample type	Instantaneous discharge, cfs (00061)	2100AN NTU	absorb- ance, 254 nm, wat flt units /cm	UV absorb- ance, 280 nm, wat flt units /cm (61726)	Baro- metric	solved oxygen, mg/L	Dis- solved oxygen, percent of sat- uration (00301)	unfltrd field, std units	tance,	Temper- ature, air, deg C (00020)	
NOV 05 FEB	1000	ENVIRONMENT	'AL 110	28	.031	.023	719	9.6	100	7.8	3250		14.0
26	1055	FIELD BLANK		<1.0	.003	.002							
26 MAY	1100	ENVIRONMENT		2300	.052	.039	709	9.4	95	7.7	3050		12.1
27 SEP	1100	ENVIRNOMENT	'AL 59	2.2	.026	.020	713	10.1	132	7.8	3140		24.7
03	1200	ENVIRONMENT	'AL 59	190	.066	.051	705	6.5	87	7.7	3320	32.0	25.3
Date	wat flt	Magnes- cium ium, er, water, crd, fltrd, g/L mg/L 15) (00925)	sium, water,	Sodium, water,	wat flt fxd end lab,	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	wat flt incrm. titr.,	Chlor- ide,	ide,	Silica, water,	Sulfate water, fltrd, mg/L (00945)	180degC	Ammonia + org-N, water, fltrd, mg/L as N (00623)
NOV 05 FEB	305	88.3	24.1	304	298	284	343	412	.89	21.4	947	2430	.12
26 26 MAY	233	.02 <.000	8 <.10 17.1	<.09 342	2 E280	 227	 276	<.20 467	.01 .71	<.13 17.3	<.2 687	<10 2090	<.10
27 SEP	354	104	28.6	266	232	294	356	349	1.0	15.9	1000	2350	E.08
03						309	383						.20
	org wat	onia + -N, Ammonia er, water,	water	Nitrite water,	phos- phate, water,	gen,	Phos- phorus,	phorus,		suspnd	suspnd		MF,
Date	a	trd fltrd, g/L mg/L s N as N 25) (00608)	fltrd, mg/L as N (00631)	fltrd, mg/L as N (00613)	fltrd, mg/L as P (00671)	susp, water, mg/L (49570)	mg/L		sedimnt total, mg/L (00694)	total, mg/L	sedimnt total, mg/L (00689)	water, fltrd, mg/L (00681)	water, col/ 100 mL (31633)
NOV													
05 FEB		.30 < .04	1.31	E.005	.11	.13	.10	.20	2.7	.1	2.6	1.4	E30
26 26		.07 <.04 .2 .05	<.06 .96	<.008 E.004	<.02	<.02 .40	E.03 E.02	<.04 3.33	<.1 9.6	<.1	<.1 9.3	E.3 1.9	 520
MAY 27		.12 E.03	E.05	<.008	<.02	.07	<.04	<.04	1.2	<.1	1.2	.7	48
SEP 03		.78 E.04	1.28	.011	.11	.63	.12	.33	8.9	.3	8.5	1.5	E220

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

NOV 05 FEB 26 26 MAY 27 SEP 03	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Fecal strep-tococci KF MF, col/ 100 mL (31673) 280 1730 136 E222	Arsenic water, fltrd, ug/L	Boron, water, fltrd, ug/L (01020) 821 <7 819 990	Iron, water, fltrd, ug/L (01046) <30 <10 <10 102	Lithium water, fltrd, ug/L (01130) 367 <.5 376 461	ium,	Stront- ium, water, fltrd, ug/L (01080) 3710 <.20 3150 3800	ium, water, fltrd,	a2,4,5-T surrog, water, fltrd, percent recovry (99958)	2,4,5-T water, fltrd, ug/L (39742) <.07 <.07	2,4-D water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732) <.16 <.32 <.02
Date	water, fltrd 0.7u GF ug/L	fltrd 0.7u GF ug/L	CIAT,	ug/L	water, fltrd, ug/L	nitro- phenol, wat flt 0.7u GF ug/L	carbo- furan, wat flt 0.7u GF ug/L	3-Keto- carbo- furan, water, fltrd, ug/L (50295)	Aceto- chlor, water, fltrd, ug/L	Aci- fluor- fen, water, fltrd 0.7u GF ug/L (49315)	water,	Aldi- carb sulfone water, fltrd 0.7u GF ug/L (49313)	
NOV 05 FEB	<.25	<.006	<.006			<.25	<.11		<.006	<.05	<.004	<.20	<.27
26	<.25 <.25	<.006 <.006	<.006 <.006			<.25 <.25	<.11 <.11		<.006	<.05	<.004 <.004	<.20	<.27
MAY 27	<.02	<.006	E.002	<.04	<.008		<.006	<2	<.006	<.007	<.004	<.02	<.008
SEP													
03	<.02	<.006	<.006	< .04	<.008		<.006	<2	<.006	<.007	<.004	<.02	<.008
Date	Aldi- carb, water, fltrd 0.7u GF ug/L (49312)	HCH, water, fltrd, ug/L	alpha- HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atra- zine, water, fltrd, ug/L	phos- methyl, water, fltrd 0.7u GF ug/L	Sched. 2060/ 9060, wat flt pct rcv	surrog, water, unfltrd percent recovry	water, fltrd, ug/L	water, fltrd 0.7u GF ug/L	ug/L	water, fltrd, ug/L		Broma- cil, water, fltrd, ug/L (04029)
NOV 05 FEB	<.21	<.005	107	<.007	<.050		82.9		<.010			<.05	<.09
26 26	<.21 <.21	<.005	88.9 91.2	<.007	<.050		67.2 67.2		<.010 <.010			<.05	<.09
MAY													
27 SEP	<.04	<.005	90.4	<.007	<.050	84.9		<.03	<.010	<.004	<.02	<.01	< .03
03	<.04	<.005	93.8	<.007	<.050	103		<.03	<.010	<.004	<.02	<.01	<.03
Date	ug/L	ate, water, fltrd, ug/L	feine, water, fltrd,	surrog, wat flt percent recovry	water, fltrd 0.7u GF ug/L	ug/L	water, fltrd 0.7u GF ug/L	fltrd 0.7u GF ug/L	ester, water, fltrd, ug/L	water, fltrd, ug/L	di- amino- s-tri- azine, wat flt ug/L	fltrd 0.7u GF ug/L	fltrd, ug/L
NOV													
05 FEB	<.07	<.002			<.080	<.041	<.15	<.020	<.21			<.25	<.005
26 26 MAY	<.07 <.07	<.002 <.002			<.080 <.080	<.041 <.041	<.15 <.24	<.020 <.020	<.21 <.21			<.25 <.25	<.005 <.005
27 SEP	<.02	<.002	<.010	69.6	< .03	< .041	<.006	<.020	<.02	<.010	<.01	< .04	<.005
03	<.02	<.002	.014	78.9	< .03	<.041	<.006	<.020	<.02	<.010	<.01	< .04	<.005

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

Date	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Clopyr- alid, water, fltrd 0.7u GF ug/L (49305)	Cyana- zine, water, fltrd, ug/L (04041)	Cyclo- ate, water, fltrd, ug/L (04031)	Dacthal mono- acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	wat flt 0.7u GF	water fltrd	Dichlo- benil, water, fltrd 0.7u GF ug/L (49303)	Di- chlor- prop, water, fltrd 0.7u GF ug/L (49302)	Diel- drin, water, fltrd, ug/L (39381)
NOV 05	<.006	<.42	<.018		<.07	<.003	<.004	.013	135	<.11	<.09	<.12	<.005
FEB 26 26	<.006	<.42	<.018		<.07	<.003	<.004	<.005	101	<.11	<.09	<.12	<.005
26 MAY 27	<.006	<.42	<.018	<.01	<.07	<.003	<.004	.021	107 96.5	<.11	<.37	<.12	<.005
SEP 03	<.006	<.01	<.018	<.01	<.01	<.003	<.004	.005	100	<.01		<.01	<.005
Date	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen- amid, water, fltrd, ug/L (04033)	water, fltrd	ug/L	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	water, fltrd	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)		Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flumet- sulam, water, fltrd, ug/L (61694)
NOV 05 FEB	<.09		<.02	<.12	<.002	<.009	<.005	<.07	<.009	<.005	<.005	<.007	
26 26	<.09 <.09		<.02 <.02	<.12 <.12	<.002 <.002	<.009 <.009	<.005 <.005	<.07 <.07	<.009 <.009	<.005 <.005	<.005 <.005	<.007 <.007	
MAY 27 SEP	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.009	<.005	<.005	<.007	<.01
03	<.01	<.03	<.02	<.01	<.002	<.009	<.005	< .03	<.009	<.005	<.005	<.007	<.01
Date	Fluo- meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imaza- quin, water, fltrd, ug/L (50356)	Imaze- thapyr, water, fltrd, ug/L (50407)	Imida- cloprid water, fltrd, ug/L (61695)	water,	Linuron water fltrd 0.7u GF ug/L (38478)	water fltrd	Mala- thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta- laxyl, water, fltrd, ug/L (50359)	Methio- carb, water, fltrd 0.7u GF ug/L (38501)
NOV	meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	quin, water, fltrd, ug/L	thapyr, water, fltrd, ug/L	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (39341)	water fltrd 0.7u GF ug/L (38478)	water fltrd 0.7u GF ug/L (82666)	thion, water, fltrd, ug/L (39532)	water, fltrd 0.7u GF ug/L (38482)	water, fltrd 0.7u GF ug/L (38487)	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501)
NOV 05 FEB	meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	quin, water, fltrd, ug/L	thapyr, water, fltrd, ug/L	cloprid water, fltrd, ug/L	water, fltrd, ug/L (39341)	water fltrd 0.7u GF ug/L (38478)	water fltrd 0.7u GF ug/L (82666)	thion, water, fltrd, ug/L (39532)	water, fltrd 0.7u GF ug/L (38482)	water, fltrd 0.7u GF ug/L (38487)	laxyl, water, fltrd, ug/L	carb, water, fltrd 0.7u GF ug/L (38501)
NOV 05 FEB 26 26	meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (39341)	water fltrd 0.7u GF ug/L (38478)	water fltrd 0.7u GF ug/L (82666)	thion, water, fltrd, ug/L (39532)	water, fltrd 0.7u GF ug/L (38482)	water, fltrd 0.7u GF ug/L (38487)	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501)
NOV 05 FEB 26	meturon water fltrd 0.7u GF ug/L (38811) <.06	Fonofos water, fltrd, ug/L (04095) <.003	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (39341) <.004	water fltrd 0.7u GF ug/L (38478) <.06	water fltrd 0.7u GF ug/L (82666) <.035	thion, water, fltrd, ug/L (39532) <.027	water, fltrd 0.7u GF ug/L (38482) <.20	water, fltrd 0.7u GF ug/L (38487) <.26	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501) <.07
NOV 05 FEB 26 26 MAY 27	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06	Fonofos water, fltrd, ug/L (04095) <.003 <.003	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (39341) <.004 <.004	water fltrd 0.7u GF ug/L (38478) <.06 <.06	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027	water, fltrd 0.7u GF ug/L (38482) <.20 <.20	water, fltrd 0.7u GF ug/L (38487) <.26 <.26	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07
NOV 05 FEB 26 26 MAY 27 SEP	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06 <.03 <.03 Meth- omyl, water, fltrd 0.7u GF ug/L	Fonofos water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 Methyl para- thion, water, fltrd 0.7u GF ug/L	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407) <.02 <.02 Metri- buzin, water, fltrd, ug/L	cloprid water, fltrd, ug/L (61695) <.007	water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 Moli- nate, water, fltrd 0.7u GF ug/L	water fltrd 0.7u GF ug/L (38478) <.06 <.06 <.06 E.01 <.01 N-(4- Chloro- phenyl) -N'- methyl- urea, ug/L	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 Napropamide, water, fltrd 0.7u GF ug/L	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 Neburon water, fltrd 0.7u GF ug/L	water, fltrd 0.7u GF ug/L (38482)	water, fltrd 0.7u GF ug/L (38487) <.26 <.26 <.01 <.01 Norflur azon, water, fltrd 0.7u GF ug/L	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07 <.008 <.008
NOV 05 FEB 26 26 MAY 27 SEP 03	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06 <.03 <.03 Meth- omyl, water, fltrd 0.7u GF ug/L (49296)	Fonofos water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695) <.007 <.007 Metsul- furon, water, fltrd, ug/L (61697)	water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 Moli- nate, water, fltrd 0.7u GF ug/L (82671)	water fltrd 0.7u GF ug/L (38478) <.06 <.06 <.06 <.01 <.01 N-(4- Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 Napropamide, water, fltrd 0.7u GF ug/L (82684)	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 Neburon water, fltrd 0.7u GF ug/L (49294)	water, fltrd 0.7u GF ug/L (38482) <.20 <.20 <.02 <.02 Nico- sul- furon, water, fltrd, ug/L (50364)	water, fltrd 0.7u GF ug/L (38487) <.26 <.26 <.01 <.01 Norflur azon, water, fltrd 0.7u GF ug/L (49293)	laxyl, water, fltrd, ug/L (50359) <.02 <.02 Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07 <.008 <.008 Oxamyl, water, fltrd 0.7u GF ug/L (38866)
NOV 05 FEB 26 26 MAY 27 SEP 03 Date	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06 <.03 <.03 Methomyl, water, fltrd 0.7u GF ug/L (49296) <.22	Fonofos water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L (82667) <.006	quin, water, fltrd, ug/L (50356)	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695) <.007 <.007 Metsul- furon, water, fltrd, ug/L (61697)	water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 Moli- nate, water, fltrd 0.7u GF ug/L (82671) <.002	water fltrd 0.7u GF ug/L (38478) <.06 <.06 <.06 <.01 <.01 N-(4- Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 Napropamide, water, fltrd 0.7u GF ug/L (82684)	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 Neburon water, fltrd 0.7u GF ug/L (49294)	water, fltrd 0.7u GF ug/L (38482)	water, fltrd 0.7u GF ug/L (38487) <.26 <.26 <.01 <.01 Norflur azon, water, fltrd 0.7u GF ug/L (49293) <.04	laxyl, water, fltrd, ug/L (50359) <.02 <.02 Ory-zalin, water, fltrd 0.7u GF ug/L (49292) <.28	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07 <.008 <.008 Oxamyl, water, fltrd 0.7u GF ug/L (38866) <.16
NOV 05 FEB 26 26 MAY 27 SEP 03	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06 <.03 <.03 Meth- omyl, water, fltrd 0.7u GF ug/L (49296)	Fonofos water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 Metola- chlor, water, fltrd, ug/L (39415) <.013 <.013	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695) <.007 <.007 Metsul- furon, water, fltrd, ug/L (61697)	water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 Moli- nate, water, fltrd 0.7u GF ug/L (82671)	water fltrd 0.7u GF ug/L (38478) <.06 <.06 <.06 E.01 <.01 N-(4-Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 Napropamide, water, fltrd 0.7u GF ug/L (82684)	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 Neburon water, fltrd 0.7u GF ug/L (49294)	water, fltrd 0.7u GF ug/L (38482) <.20 <.20 <.02 <.02 Nico- sul- furon, water, fltrd, ug/L (50364)	water, fltrd 0.7u GF ug/L (38487) <.26 <.26 <.01 <.01 Norflur azon, water, fltrd 0.7u GF ug/L (49293)	laxyl, water, fltrd, ug/L (50359) <.02 <.02 Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07 <.008 <.008 Oxamyl, water, fltrd 0.7u GF ug/L (38866) <.16
NOV	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.06 <.03 <.03 Meth- omyl, water, fltrd 0.7u GF ug/L (49296) <.22 <.22	Fonofos water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006	quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 Metola- chlor, water, fltrd, ug/L (39415) <.013	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 Moli- nate, water, fltrd 0.7u GF ug/L (82671) <.002	water fltrd 0.7u GF ug/L (38478) <.06 <.06 <.06 E.01 <.01 N-(4-Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 Napropamide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 .027 .027 .027 .027 .027 .027 .027 .027 .027 .027 .027 .027	water, fltrd 0.7u GF ug/L (38482) <.20 <.20 <.02 <.02 Nico-sul-furon, water, fltrd, ug/L (50364)	water, fltrd 0.7u GF ug/L (38487) <.26 <.26 <.01 <.01 Norflur azon, water, fltrd 0.7u GF ug/L (49293) <.04	laxyl, water, fltrd, ug/L (50359)	carb, water, fltrd 0.7u GF ug/L (38501) <.07 <.07 <.008 <.008 Oxamyl, water, fltrd 0.7u GF ug/L (38866) <.16 <.16

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				Pendi-									
Date	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Pic- loram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi- cona- zole, water, fltrd, ug/L (50471)
NOV													
05 FEB	<.003	<.010	<.004	<.022	<.011	<.09	<.01	< .004	<.010	<.011	<.02	<.22	
26	<.003	<.010	<.004	<.022	<.011	<.09	<.01	<.004	<.010	<.011	<.02	<.22	
26 MAY	<.003	<.010	<.004	<.022	<.011	<.09	E.01	< .004	<.010	<.011	<.02	<.22	
27 SEP	<.003	<.010	<.004	<.022	<.011	<.02	М	< .004	<.010	<.011	<.02	<.010	<.02
03	<.003	<.010	<.004	<.022	<.011	<.02	<.01	< .004	<.010	<.011	<.02	<.010	<.02
Date	Pro- poxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Silvex, water, fltrd, ug/L (39762)	Sima- zine, water, fltrd, ug/L (04035)	Sulfo- met- ruron, water, fltrd, ug/L (50337)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terba- cil, water, fltrd, ug/L (04032)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- clopyr, water, fltrd 0.7u GF ug/L (49235)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)
Date NOV 05 FEB	poxur, water, fltrd 0.7u GF ug/L	water, fltrd, ug/L	water, fltrd, ug/L	zine, water, fltrd, ug/L	met- ruron, water, fltrd, ug/L	thiuron water fltrd 0.7u GF ug/L	cil, water, fltrd 0.7u GF ug/L	cil, water, fltrd, ug/L	fos, water, fltrd 0.7u GF ug/L	bencarb water fltrd 0.7u GF ug/L	allate, water, fltrd 0.7u GF ug/L	clopyr, water, fltrd 0.7u GF ug/L	flur- alin, water, fltrd 0.7u GF ug/L
NOV 05 FEB 26	poxur, water, fltrd 0.7u GF ug/L (38538) <.12	water, fltrd, ug/L (38548)	water, fltrd, ug/L (39762) <.03	zine, water, fltrd, ug/L (04035) <.005	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670) <.02	cil, water, fltrd 0.7u GF ug/L (82665) <.034	cil, water, fltrd, ug/L (04032)	fos, water, fltrd 0.7u GF ug/L (82675) <.02	bencarb water fltrd 0.7u GF ug/L (82681) <.005	allate, water, fltrd 0.7u GF ug/L (82678) <.002	clopyr, water, fltrd 0.7u GF ug/L (49235) <.07	flur- alin, water, fltrd 0.7u GF ug/L (82661) <.009
NOV 05 FEB	poxur, water, fltrd 0.7u GF ug/L (38538)	water, fltrd, ug/L (38548)	water, fltrd, ug/L (39762)	zine, water, fltrd, ug/L (04035)	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670)	cil, water, fltrd 0.7u GF ug/L (82665)	cil, water, fltrd, ug/L (04032)	fos, water, fltrd 0.7u GF ug/L (82675)	bencarb water fltrd 0.7u GF ug/L (82681)	allate, water, fltrd 0.7u GF ug/L (82678)	clopyr, water, fltrd 0.7u GF ug/L (49235)	flur- alin, water, fltrd 0.7u GF ug/L (82661)
NOV 05 FEB 26 26	poxur, water, fltrd 0.7u GF ug/L (38538) <.12	water, fltrd, ug/L (38548)	water, fltrd, ug/L (39762) <.03	zine, water, fltrd, ug/L (04035) <.005	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670) <.02	cil, water, fltrd 0.7u GF ug/L (82665) <.034	cil, water, fltrd, ug/L (04032)	fos, water, fltrd 0.7u GF ug/L (82675) <.02	bencarb water fltrd 0.7u GF ug/L (82681) <.005	allate, water, fltrd 0.7u GF ug/L (82678) <.002	clopyr, water, fltrd 0.7u GF ug/L (49235) <.07	flur- alin, water, fltrd 0.7u GF ug/L (82661) <.009

	Sus-		Suspnd.
	pended	Sus-	sedi-
	sedi-	pended	ment,
	ment	sedi-	sieve
	concen-	ment	diametr
Date	tration	load,	percent
	mg/L	tons/d	<.063mm
	(80154)	(80155)	(70331)
NOV			
05	247	73	32
FEB			
26			
26	5030	7280	76
MAY			
27			
SEP			
03	469	75	96

Remark Codes Used in This report: < -- Less than

- E -- Estimated (see introductory text section titled "Long-Term Method Detection Levels and Laboratory Reporting Levels").

 M -- Presence verified, not quantified

Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical methods.

09415240 VIRGIN RIVER NEAR OVERTON, NV

 $LOCATION.-Lat\ 36^{\circ}34^{\circ}59^{\circ}, long\ 114^{\circ}19^{\circ}27^{\circ}, in\ SW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.\ 31, T.15\ S., R.69\ E., Clark\ County,\ Hydrologic\ Unit\ 15010010,\ in\ Lake\ Mead\ National\ Recreation\ Area,\ on\ right\ bank,\ .25\ mi\ upstream\ of\ Lake\ Mead,\ and\ 4\ mi\ east\ of\ Overton,\ NV.$

DRAINAGE AREA .-- Not determined.

PERIOD OF RECORD.--January to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 1,230 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge during the period January to Sepember, 1,060 ft³/s, August 24, gage height, 5.58 ft, from high water mark; no flow many days during summer months.

		DISC	HARGE, CU	JBIC FEET	PER SECOND, DAII	, WATER YEA LY MEAN VAI		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				e168	95	260	53	49	8.1	0.00	4.5	33
2				e162	104	322	49	53	7.2	0.00	14	25
3				e164	118	232	52	60	9.2	0.00	3 7	26
4				e160	127	208	53	64	11	0.00	23	15
5				e156	129	198	52	55	5.1	0.00	17	53
6				e154	118	184	38	66	2.4	0.00	1.1	63
7				e150	132	170	45	65	5.4	0.00	0.00	69
8				e142	136	159	65	70	3.2	0.00	0.00	43
9				e150	119	156	63	69	2.0	0.00	0.00	29
10				152	127	150	68	80	1.6	0.00	0.00	21
11				121	119	146	60	69	0.00	0.00	0.00	19
12				125	134	107	63	66	0.00	0.00	0.00	22
13				152	189	104	70	71	0.00	0.00	0.00	20
14				150	368	105	66	61	0.00	0.00	0.00	e22
15				155	387	86	64	52	0.00	0.00	0.00	23
16				143	228	111	66	39	0.00	0.00	13	20
17				145	198	178	93	43	0.00	0.00	168	18
18				138	182	567	89	3 9	0.00	0.00	25	6.5
19				126	181	231	76	43	0.00	0.00	29	8.1
20				105	165	173	84	33	0.00	0.00	47	5.0
21				105	160	150	77	21	0.00	0.00	23	2.7
22				112	147	107	48	18	0.00	0.00	19	6.6
23				112	142	94	53	18	0.00	0.00	85	10
24				115	140	96	63	17	0.00	0.00	552	24
25				122	126	91	105	15	0.00	0.00	199	29
26				122	186	82	82	19	0.00	0.00	176	31
27				121	451	90	64	17	0.00	0.00	58	28
28				100	305	91	51	17	0.00	0.00	3 8	16
29				102		75	45	14	0.00	0.00	27	17
30				106		64	52	8.6	0.00	0.00	23	13
31				92		67		6.9		0.00	21	
TOTAL				4127	5013	4854	1909	1318.5	55.20	0.00	1599.60	717.9
MEAN				133	179	157	63.6	42.5	1.84	0.000	51.6	23.9
MAX				168	451	567	105	8 0	11	0.00	552	69
MIN				92	95	64	38	6.9	0.00	0.00	0.00	2.7
AC-FT				8190	9940	9630	3790	2620	109	0.00	3170	1420

e Estimated

WHITE RIVER BASIN

09415460 WHITE RIVER NEAR RED MOUNTAIN NEAR PRESTON, NV

 $LOCATION.--Lat\ 38^{\circ}56^{\circ}6^{\circ}7^{\circ},\ long\ 115^{\circ}17^{\circ}51^{\circ},\ in\ NE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.\ 2,\ T.12\ N.,\ R.59\ E.,\ Nye\ County,\ Hydrologic\ Unit\ 15010011,\ on\ right\ bank\ near\ US\ Forest\ Service\ campground/picnic\ area,\ about\ 8.0\ miles\ west\ of\ U.S.\ Highway\ 6,\ and\ about\ 14.5\ miles\ northwest\ of\ Preston.$

DRAINAGE AREA.--28.2 mi² (approximately).

PERIOD OF RECORD.--January to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 6,880 ft above NGVD of 1929, from topographic map

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES PERIOD OF RECORD.--Maximum discharge, $18~\mathrm{ft}^3/\mathrm{s}$, May $12,~2003,~\mathrm{gage}$ height, $4.95~\mathrm{ft}$; minimum daily, $0.62~\mathrm{ft}^3/\mathrm{s}$, February 3,~2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18 ft³/s, May 12, gage height, 4.95 ft; minimum daily, 0.62 ft³/s, February 3.

		DISCHARG	GE, CUBIC	FEET PE	R SECOND,	WATER YEA	R OCTOBE	R 2002 TO	SEPTEMBER	2003		
					DAILY	Y MEAN VAL	UES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					1.0	0.90	1.3	3.6	6.5	2.9	1.7	1.1
2					1.0	0.85	1.3	3.6	6.2	2.9	1.8	1.1
3					0.62	0.95	1.3	3.5	6.0	2.8	1.7	1.1
4					0.85	0.97	1.3	3.5	5.9	2.8	1.6	1.1
5					0.84	0.91	1.3	3.4	5.8	2.7	1.6	1.1
6					0.79	0.96	1.3	3.4	5.6	2.6	1.5	1.2
7					0.84	0.96	1.5	4.0	5.3	2.5	1.5	1.2
8					0.89	0.97	1.4	4.5	5.1	2.5	1.5	1.1
9					0.89	0.99	1.4	4.5	4.8	2.5	1.4	1.1
10					0.94	1.0	1.5	5.4	4.5	2.5	1.4	1.1
11					1.0	1.0	1.5	7.4	4.5	2.4	1.4	1.1
12					1.1	1.0	1.6	11	4.3	2.4	1.3	1.0
13					1.5	1.1	1.6	14	4.2	2.4	1.3	1.0
14					1.2	1.1	1.7	12	4.0	2.3	1.3	e0.99
15				1.0	1.0	1.2	1.8	9.8	4.0	2.2	1.3	0.95
16				0.96	0.95	1.2	1.7	9.6	3.9	2.2	1.5	0.95
17				1.0	0.94	1.2	1.8	9.1	3.8	2.2	1.3	0.97
18				1.0	0.94	1.1	1.9	8.4	3.6	2.2	1.2	1.0
19				1.0	0.94	1.1	1.9	8.0	3.5	2.2	1.2	1.0
20				1.0	1.00	1.1	2.1	7.7	3.5	2.1	1.2	0.99
21				1.0	0.97	1.1	2.4	7.8	3.4	2.1	1.7	0.97
22				0.96	1.00	1.1	2.5	8.1	3.4	2.1	1.5	0.95
23				1.0	0.96	1.1	2.6	8.3	3.3	2.1	1.3	0.94
24				1.0	1.0	1.1	3.1	8.3	3.3	2.1	1.2	0.93
25				1.0	1.1	1.2	3.7	8.4	3.3	2.1	1.2	0.93
26				1.0	0.96	1.2	3.9	8.0	3.3	2.1	1.2	0.93
27				1.0	0.90	1.2	3.7	7.7	3.2	2.0	1.2	0.92
28				1.1	0.93	1.1	3.7	8.1	3.1	1.9	1.2	0.91
29				1.0		1.1	3.9	7.9	3.0	1.8	1.2	0.91
3 0				1.0		1.2	3.8	7.4	3.0	1.7	1.1	0.91
31				1.0		1.3		6.9		1.7	1.1	

e Estimated

09415510 PRESTON BIG SPRING NEAR PRESTON, NV

LOCATION.--Lat 38°55'38", long 115°04'55", in SE $^1/_4$ NE $^1/_4$ sec.2, T.12 N., R.61 E., White Pine County, Hydrologic Unit 15010011, 1.0 mi northwest of Preston.

DRAINAGE AREA--Indeterminate.

PERIOD OF RECORD.--May 1947, January, July, August 1982, October, November 1985, 1987-1999 (discharge measurements only), December 1982 to September 1985, February 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,700 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

 $EXTREMESFOR PERIODOFRECORD. -- Maximum discharge, 10 ft^3 \\ \hspace*{0.2cm} s, April 8, 1999, gage height, 2.24 ft; minimum daily, 6.7 ft^3 \\ \hspace*{0.2cm} s, several days \\ \hspace*{0.2cm} March \ and \ April \ 1984.$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.7 ft³/s, June 15, gage height, 1.59 ft; minimum daily, 6.9 ft³/s, many days.

		DISC	CHARGE, CU	BIC FEET PE		WATER YE Y MEAN VA	EAR OCTOBER	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	7.7	7.4	e7.5	8.0	7.0	e7.3	e7.5	e7.9	7.8	7.9	e7.8
2	7.4	e7.6	7.4	e7.5	8.1	6.9	e7.3	e7.5	e7.9	7.8	7.8	e7.8
3	7.4	e7.6	7.4	e7.4	e7.5	6.9	e7.4	e7.5	e7.9	8.2	7.9	e7.8
4	e7.5	7.5	7.4	e7.4	e7.5	7.0	e7.4	7.4	e7.9	7.9	7.9	e7.8
5	e7.5	7.6	7.0	e7.3	8.1	7.0	7.3	7.5	8.0	7.8	7.9	e7.8
6	e7.5	7.6	7.2	e7.3	7.9	6.9	e7.3	7.5	8.0	7.9	7.9	e7.8
7	e7.5	7.7	7.4	7.5	7.9	6.9	e7.3	7.6	7.9	7.9	7.9	e7.8
8	e7.5	7.7	7.4	7.6	8.0	6.9	e7.4	7.6	8.0	7.9	7.9	e7.8
9	e7.5	7.5	7.4	7.7	8.0	6.9	e7.4	7.7	8.1	7.8	7.8	e7.8
10	e7.6	7.4	7.3	7.8	8.0	6.9	e7.4	7.5	8.0	7.8	7.8	7.8
11	e7.6	7.4	7.2	7.9	7.7	7.0	e7.4	7.4	7.9	7.8	e7.8	7.6
12	e7.6	7.4	7.2	e7.5	7.5	6.9	e7.4	7.5	8.0	8.0	e7.8	7.8
13	e7.6	7.4	7.4	e7.5	7.6	6.9	e7.4	7.4	7.9	8.2	e7.8	e7.8
14 15	e7.6	7.5	7.5	e7.4	7.5	6.9	7.4	7.5	8.1	8.2	e7.9	e7.8
15	e7.6	7.5	7.5	e7.4	7.5	6.9	7.5	7.5	8.2	8.0	e7.9	e7.8
16	7.5	7.5	e7.5	e7.4	7.5	6.9	e7.5	7.7	8.0	8.0	e7.9	e7.8
17	7.7	7.5	e7.4	e7.5	7.6	6.9	e7.5	7.7	8.2	8.1	e7.8	e7.8
18	7.7	7.6	e7.4	e7.5	7.5	6.9	7.4	7.5	8.1	7.9	e7.8	e7.8
19	7.7	7.6	e7.4	e7.5	7.5	7.0	7.5	7.5	8.2	8.0	e7.8	7.6
20	7.6	e7.6	e7.5	e7.5	7.5	7.1	e7.5	7.6	8.1	8.0	e7.8	7.6
21	7.6	e7.6	e7.5	e7.4	7.5	7.2	e7.5	7.8	8.1	7.9	e7.9	7.7
22	7.6	e7.6	e7.5	e7.4	7.5	7.2	7.5	7.7	8.1	8.0	e7.9	7.8
23	7.6	e7.6	e7.5	e7.4	7.4	7.3	7.3	7.7	8.0	8.0	e7.9	7.8
24	7.6	e7.5	e7.5	e7.4	7.4	7.3	7.4	7.7	8.0	7.9	e7.8	7.7
25	7.6	e7.5	e7.4	e7.3	7.4	7.4	7.5	7.7	7.9	8.1	e7.8	7.6
26	7.6	e7.5	e7.4	e7.3	7.3	7.4	7.3	7.8	7.9	8.2	e7.8	7.6
27	7.6	e7.5	e7.4	e7.3	7.0	e7.4	7.4	7.7	7.9	8.2	e7.8	7.7
28	7.6	e7.4	e7.5	7.8	6.9	e7.4	e7.4	7.7	7.9	8.1	e7.8	7.7
29	7.6	7.4	e7.5	7.9		e7.3	e7.4	7.9	8.0	7.9	e7.8	7.6
30	7.6	7.4	e7.6	7.9		e7.3	e7.4	8.0	7.9	7.9	e7.8	7.7
31	7.7		e7.6	8.0		e7.3		8.0		7.9	e7.8	
TOTAL	234.8	225.9	229.7	233.2	212.8	219.2	222.1	236.3	240.0	247.1	243.1	232.3
MEAN	7.57	7.53	7.41	7.52	7.60	7.07	7.40	7.62	8.00	7.97	7.84	7.74
MAX	7.7	7.7	7.6	8.0	8.1	7.4	7.5	8.0	8.2	8.2	7.9	7.8
MIN	7.4	7.4	7.0	7.3	6.9	6.9	7.3	7.4	7.9	7.8	7.8	7.6
AC-FT	466	448	456	463	422	435	441	469	476	490	482	461
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER Y	ZEARS 1983	3 - 2003	, BY WATER	YEAR (WY)				
MEAN	7.63	7.61	7.86	7.71	7.58	7.61	7.59	7.41	7.71	7.77	7.67	7.57
MAX	7.81	7.77	8.52	8.23	7.95	8.09	8.02	7.95	8.78	8.66	7.84	7.98
(WY)	1985	2001	1983	1983	1983	2000	1985	1985	1985	1985	2003	2000
MIN	7.32	7.34	7.26	6.96	6.99	6.83	6.89	6.88	7.00	7.35	7.41	7.22
(WY)	1984	1984	1984	1984	1984	1984	1984	2002	2002	2002	2002	1985
SUMMARY	/ STATIST	ICS	FOR	2002 CALEN	NDAR YEAR		FOR 2003 WA	TER YEAR		WATER YEA	RS 1983 -	2003
ANNUAL	TOTA I			2697.1			2776.5					
ANNUAL				2697.1	9		2//6.5			7.6	.0	
	C ANNUAL	MEZN		7.5.	,		7.01	-		7.9		1985
LOWEST	ANNUAL M	EAN								7.2	14	1984
	DAILY M			7.8	Jan 1		8.2				Jun 25	
	DAILY ME			6.7			6.9			6.7		
		Y MINIMUM		6.8	May 20		6.9			6.7		
	M PEAK FL M PEAK ST						8.7	Jun 15 Jun 15		10		
	RUNOFF (5350			5510	, oull 15		2.2 5500	4 Apr 2	. 2000
	CENT EXCE			7.7			8.0			8.0	1	
	CENT EXCE			7.4			7.6			7.6		
	CENT EXCE			7.0			7.3			7.0		

e Estimated

WHITE RIVER VALLEY

09415515 WATER CANYON CREEK NEAR PRESTON, NV

 $LOCATION.--Lat~38^{\circ}59'16", long~114^{\circ}57'27", in~SW~^{1}/_{4}~NW~^{1}/_{4}~sec.~13,~T.~13~N.,~R.~62~E.,~White~Pine~County,~Hydrologic~Unit~15010011,~on~right~bank,~and~7~miles~northeast~of~Preston.$

DRAINAGE AREA.--11.0 mi².

PERIOD OF RECORD.--May 1983 to September 1987, March 1990 to December 1994, April to September 2003.

GAGE.--Data collection platform (DCP). Elevation of gage is 6,400 ft above sea level, from USGS 1:24,000 Sawmill Canyon, NV. May 1983 to September 1987, continous recording gage. March 1990 to December 1994, continous recording gage. April 24, 2003 up to current water year, DCP.

REMARKS .-- Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 90 ft³/s, August 16, 1984, gage height 5.92 ft; minimum daily discharge 0.01 ft³/s, December 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 2.6 ft³/s, September 21, gage height 4.45; minimum daily discharge, 0.18 ft³/s, July 24, 25.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								0.53	0.84	1.2	0.42	0.77
2								0.53	0.98	0.82	0.34	0.77
3								0.52	1.00	0.86	0.50	0.94
4								0.50	0.86	0.95	0.48	1.5
5								0.50	0.85	0.97	e0.67	1.4
6								0.50	1.1	0.83	e0.86	0.79
7								0.50	1.5	0.63	0.92	0.74
8								0.56	1.1	0.62	0.92	0.74
9								e0.55	0.90	0.53	0.90	0.71
10								e0.55	0.90	0.52	0.92	0.70
										0.50		
11								e0.55	1.1	0.58	0.92	0.63
12								0.55	1.2	0.62	0.94	0.63
13								0.57	1.2	0.71	0.94	0.64
14								0.59	1.2	0.59	0.92	e0.64
15								0.58	1.2	0.58	0.97	0.64
16								0.58	1.3	0.66	1.1	0.65
17								0.58	1.3	0.66	1.2	0.83
18								0.57	1.6	0.93	1.1	0.73
19								0.56	1.6	0.93	0.92	
20								0.55	1.4	0.77	0.84	0.92
21								0.55	1.1	0.34	0.83	1.1
22								0.55	1.1	0.24	0.88	0.90
23								0.55	1.2	0.26	0.81	0.85
24							0.56	0.56	1.4	0.18	1.0	0.89
25							0.52	0.56	1.4	0.18	1.3	0.88
26							0.49	0.55	1.4	0.21	1.2	0.88
27							0.49	0.58	1.4	0.23	0.96	0.89
28							0.49	0.63	1.2	0.20	1.00	0.92
29							0.51	0.66	1.3	0.23	0.93	0.94
3.0							0.51	0.69	1.4	0.23	0.79	0.98
31								0.70		0.39	0.76	
TOTAL								17.53		17.62	27.29	25.27
MEAN								0.57	1.20	0.57	0.88	0.84
MAX								0.70	1.6	1.2	1.3	1.5
MIN								0.50	0.84	0.18	0.34	0.63
AC-FT								35	72	3 5	54	50
OM3 MT OM	TOO OF MO	NTM111 17 MM	N DAMA D		/E3DG 100	2 2002	DV WARDD	11 T T T T T T T T T T T T T T T T T T	• 1			
SIATIST	ICD OF MC	MEY	AN DATA FO	A WATEK	LEAKS 198	s - 2003,	BI WATER	YEAR (WY	,			
MEAN	2.55	1.90	1.63	1.47	1.34	1.65	1.70	1.46	2.08	2.48	2.44	2.33
MAX	5.97	4.08	3.37	2.67	2.68	3.72	3.55	4.00	7.22	10.8	9.14	7.43
(WY)	1984	1984	1984	1984	1984	1986	1986	1986	1983	1983	1983	1983
MIN	0.47	0.48	0.13	0.21	0.33	0.38	0.37	0.24	0.41	0.38	0.46	0.42
(WY)	1991	1993	1991	1991	1991	1992	1990	1991	1991	1991	1992	1990
SUMMARY STATISTICS				WATER YE	ARS 1983	- 2003						
7 NINITI 7 T	MEAN			1.3	0.0							
ANNUAL MEAN						1004						
HIGHEST ANNUAL MEAN				3.		1984						
LOWEST ANNUAL MEAN				0.4		1991						
HIGHEST DAILY MEAN				16		0 1983						
LOWEST DAILY MEAN					01 Dec 2							
ANNUAL SEVEN-DAY MINIMUM					02 Dec 2							
MAXIMUM PEAK FLOW			90 Aug 16 1984									
	MAXIMUM PEAK STAGE			5.92 Aug 16 1984								
ANNUAL RUNOFF (AC-FT)				1330								
10 PERCENT EXCEEDS				3.	9							
50 PERCENT EXCEEDS				1.4								
	ENT EXCEE			0.3								

e Estimated

09415550 WHITE RIVER NEAR LUND, NV

 $LOCATION.-Lat~38^{\circ}38'17'', long~115^{\circ}05'32'', in~NE~^{1}/_{4}~SE~^{1}/_{4}~sec.14,~T.9~N.,~R.61~E.,~Nye~County,~Hydrologic~Unit~15010011,~on~right~bank,~1~mi~west~of~Hardy~Springs,~and~17~mi~south~of~Lund.$

DRAINAGE AREA.--703 mi².

PERIOD OF RECORD.--September 1990 to September 1994, December 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,300 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44 ft^3 / s, March 3, 2000, gage height, 2.24 ft; no flow many days, most years. EXTREMES FOR CURRENT YEAR.--No flow for entire year.

		DISC	CHARGE, CU	BIC FEET 1		WATER Y	EAR OCTOBER	2002 TO S	EPTEMBER	2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	0.00	0.00	0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	e0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
6 7	0.00	0.00	e0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	e0.00 e0.00	e0.00 e0.00	e0.00 e0.00	0.00	e0.00 e0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	e0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	e0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	e0.00	e0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	e0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	e0.00	e0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	e0.00	e0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00		e0.00	e0.00		0.00		0.00		0.00	0.00		
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 199	0 - 2003	3, BY WATER	YEAR (WY)				
MEAN	0.000	0.000	0.000	0.000	0.48	3.43	0.32	0.000	0.002	0.000	0.000	0.000	
MAX	0.001	0.000	0.000	0.000	1.42	11.7	1.46	0.000	0.018	0.000	0.000	0.000	
(WY)	2001	1991	1991	1991	2000	2000	1993	1991	1993	1991	1991	1991	
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
(WY)	1991	1991	1991	1991	1991	1994	1991	1991	1991	1991	1991	1991	
SUMMARY	Y STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W.	ATER YEAR	!	WATER YEA	ARS 1990 -	2003	
ANNUAL	TOTAL			0.0	0.0		0.0	0					
ANNUAL MEAN				0.000				0 0		0.25			
HIGHEST ANNUAL MEAN											1.00 1993		
LOWEST ANNUAL MEAN												1994	
HIGHEST DAILY MEAN					00 Jan 1			0 Oct 1			Mar 10		
LOWEST DAILY MEAN					00 Jan 1 00 Jan 1			0 Oct 1 0 Oct 1			00 Oct 1 00 Oct 1		
ANNUAL SEVEN-DAY MINIMUM MAXIMUM PEAK FLOW			0.0	oo oan 1		0.0	o oct 1		44				
MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE											Mar 8		
ANNUAL RUNOFF (AC-FT)				0.0	0.0		0.0	0		179			
10 PERCENT EXCEEDS			0.00				0.00			0.00			
50 PERCENT EXCEEDS			0.00				0.00			0.00			
90 PERCENT EXCEEDS				0.0	0 0		0.0	0		0.00			

e Estimated

09415590 CRYSTAL SPRING NEAR HIKO, NV

 $LOCATION.-Lat\ 37^{\circ}31'55", long\ 115^{\circ}13'54", in\ SE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec.10,\ T.5\ S.,\ R.60\ E.,\ Lincoln\ County,\ Hydrologic\ Unit\ 15010011,\ on\ right\ bank,\ 75\ ft\ south\ of\ State\ Highway\ 25,\ 200\ ft\ southeast\ of\ junction\ of\ State\ Highway\ 38,\ and\ 4.5\ mi\ south\ of\ Hiko.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--September 1985 to September 1988, March 1990 to September 1994, December 1998 to current year.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 3,800 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Diversion for irrigation above station. See schematic diagram of Colorado River Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20 ${\rm ft}^3/{\rm s}$, June 29, 1999, gage height, 1.39 ft; minimum daily, 1.0 ${\rm ft}^3/{\rm s}$, September 24, 27, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18 ft³/s, September 17, gage height, 1.31 ft; minimum daily, 3.3 ft³/s, June 10, 11, 12, 24, 25, 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	12	13	13	13	13	13	13	12	13	13	3.5
2	13	12	13	13	13	13	13	13	12	13	12	3.5
3	12	12	13	13	13	13	13	13	13	13	4.3	6.4
4	12	12	13	13	13	13	13	9.6	13	13	3.5	13
5	12	12	13	13	13	13	13	7.2	13	13	3.5	13
6	12	12	13	13	13	13	13	7.4	13	13	3.6	13
7	12	12	13	13	13	13	13	8.3	6.9	13	6.8	13
8	12	12	13	13	13	13	13	8.5	3.4	13	13	13
9	12	12	13	13	13	13	9.0	8.6	3.4	13	13	13
10	12	13	13	13	13	13	6.5	8.6	3.3	13	13	13
11	12	13	13	13	13	8.8	6.6	8.8	3.3	13	13	13
12	12	13	13	13	13	6.1	6.7	9.0	3.3	13	13	8.9
13	12	13	13	13	13	6.1	6.7	9.5	3.5	13	13	3.7
14	12 12	13 13	13 13	13 13	13 13	6.1 6.1	6.8	12 13	3.4	13 13	13 13	3.7
15	12	13	13	13	13	6.1	6.9	13	3.4	13	13	3.8
16	12	13	13	13	13	6.1	6.9	13	3.4	13	13	3.8
17	12	13	13	13	13	6.3	6.9	13	7.1	13	13	11
18	12	13	13	13	13	6.4	9.7	13	13	13	13	13
19	12	13	13	13	13	6.4	13	13	13	13	13	13
20	12	13	13	13	13	11	13	13	13	8.3	13	13
21	12	13	13	13	13	13	13	13	13	3.5	13	13
22	12	13	13	13	13	13	13	13	13	3.4	13	13
23	12	13	13	13	13	13	13	13	8.8	3.4	13	13
24	12	13	13	13	13	13	13	13	3.3	3.4	13	13
25	12	13	13	13	13	13	13	13	3.3	11	13	13
26	12	13	13	13	13	13	13	13	3.3	13	13	13
27	12	1.3	13	13	13	1.3	13	13	3.4	13	13	13
28	12	13	13	13	13	13	13	13	11	13	13	13
29	12	13	13	13		13	13	13	13	13	13	13
30	12	13	13	13		13	13	13	13	13	4.7	13
31	12		13	13		13		12		13	3.5	
TOTAL	374	381	403	403	364	342.4	332.7	356.5	244.5	358.0	340.9	321.3
MEAN	12.1	12.7	13.0	13.0	13.0	11.0	11.1	11.5	8.15	11.5	11.0	10.7
MAX	13	13	13	13	13	13	13	13	13	13	13	13
MIN	12	12	13	13	13	6.1	6.5	7.2	3.3	3.4	3.5	3.5
AC-FT	742	756	799	799	722	679	660	707	485	710	676	637
STATIST	ICS OF MO	NTHLY MEA	N DATA FO	R WATER Y	EARS 1985	5 - 2003	, BY WATER	YEAR (WY)				
MEAN	9.70	10.5	11.0	11.3	10.6	9.88	9.84	9.90	8.42	9.37	9.59	9.60
MAX	12.1	13.0	13.9	13.2	13.0	13.0	12.8	12.0	10.8	11.9	11.3	11.7
(WY)	2003	2001	2002	2002	2003	2000	2001	2002	1994	2001	2002	1986
MIN	5.73	7.21	7.85	8.49	8.33	7.60	6.79	7.60	4.96	5.70	7.45	4.85
(WY)	1992	1987	1991	1992	1992	1992	1992	1993	1992	1992	1988	1991
SUMMARY	STATISTI	CS	FOR 2	002 CALEN	DAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	ARS 1985 -	2003
A MATELA T	TOTAT			4167.6			4221.3					
ANNUAL TOTAL ANNUAL MEAN				11.4			11.6			10.0)	
	' ANNUAL M	EAN					11.0			11.6		2001
LOWEST ANNUAL MEAN					_					7.2	29	1992
HIGHEST DAILY MEAN				14	Jan 1		13	Oct 1		14		
LOWEST DAILY MEAN				4.4				Jun 10		1.0		
ANNUAL SEVEN-DAY MINIMUM MAXIMUM PEAK FLOW				4.4	Feb 5		3.4			1.5		
							18	Sep 17 1 Sep 17		20	Jun 29 39 Jun 29	
MAXIMUM PEAK STAGE ANNUAL RUNOFF (AC-FT)				8270			8370	r peh r/		7240	, oun 25	. 1000
10 PERCENT EXCEEDS				13			13			13		
	ENT EXCEE			13			13			11		
	ENT EXCEE			5.0			6.4			4.2	2	

09415640 ASH SPRINGS CREEK BELOW HIGHWAY 93 AT ASH SPRINGS, NV

LOCATION.--Lat $37^{\circ}27'37''$, long $115^{\circ}11'37''$, in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.1, T.6 S., R.60 E., Lincoln County, Hydrologic Unit 15010011, on left bank, downstream of culvert at US Highway 93 and .2 mi southeast of Ash Springs.

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,589.94 ft above NAVD88.

REMARKS.--No estimated daily discharges. Records fair. Diversion for irrigation above station. See schematic diagram of Colorado River Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27 ft³/s, July 13, 2000, gage height, 4.57 ft; minimum daily, 7.2 ft³/s, May 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 24 ft³/s, June 20, gage height, 4.25 ft; minimum daily, 9.7 ft³/s, September 13.

		DISCH	ARGE, CUB	IC FEET PE		WATER YE MEAN VA	AR OCTOBER LUES	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	16	14	15	16	14	16	14	14	15	15	14
2	15	13	15	15	16	11	16	14	15	15	15	14
3	15	12	15	15	16	11	16	15	15	15	15	14
4	15	12	15	16	16	12	16	15	12	15	15	14
5	15	12	15	15	16	11	16	14	14	14	15	14
6 7	15 15	12 12	15 14	16 16	16 16	12 13	16 16	14 14	15 15	15 15	15 15	14 14
8	15	11	14	16	16	16	16	15	15	15	15	14
9	15	11	14	16	16	16	16	14	15	15	15	14
10	15	11	15	16	15	15	16	14	15	15	15	14
11	15	11	15	16	15	16	15	14	15	12	14	14
12	15	12	15	16	16	16	15	14	15	11	10	13
13	15	12	15	16	16	16	15	14	15	15	13	9.7
14	15	12	15	15	16	16	15	14	15	15	15	14
15	15	12	15	15	16	16	16	14	15	15	15	15
16	15	12	15	15	16	16	16	13	15	15	15	15
17	15	12	15	16	16	16	15	10	15	15	15	15
18	15	12	15	16	16	16	15	12	15	15	15	15
19 20	15 15	12 12	15 15	15 16	16 16	16 14	15 15	14 14	15 14	15 15	15 15	15 15
21	15	12	15	16	15	11	15	14	15	15	15	15
22	15	12	15	16	13	11	15	14	15	15	15	15
23	15	15	15	16	13	15	15	14	15	15	15	15
24 25	15 15	16 16	15 15	16 16	14 15	16 15	15 15	14 15	15 15	15 15	15 15	15 15
26	15	15	15	16	15	16	15	15	13	15	15	15
27	15	15	15	16	15	16	15	15	10	15	14	15
28	15	15	16	16	15	15	14	15	15	15	15	15
29 30	15 15	14 15	16 15	16 16		15 15	15 14	15 15	15 15	15 15	15 14	15 15
31	15		15	16		15		14		15	14	13
TOTAL	465	386	463	488	433	449	460	436	437	457	454	430.7
MEAN	15.0	12.9	14.9	15.7	15.5	14.5	15.3	14.1	14.6	14.7	14.6	14.4
MAX	15	16	16	16	16	16	16	15	15	15	15	15
MIN AC-FT	15 922	11 766	14 918	15 968	13 859	11 891	14 912	10 865	10 867	11 906	10 901	9.7 854
STATIST	ICS OF MC	NTHLY MEA	N DATA FO	R WATER Y	EARS 1999	- 2003,	BY WATER	YEAR (WY)				
MEAN	14.9	14.0	13.9	14.1	15.1	14.8	14.6	14.4	15.1	14.8	15.0	15.2
MAX	16.3	14.8	14.9	15.7	16.2	15.6	15.5	16.4	16.8	16.0	15.8	16.4
(WY)	2001	2002	2003	2003	2001	1999	2001	2001	2001	2000	1999	2000
MIN	13.4	12.9	13.3	12.4	14.0	14.2	13.4	13.3	13.7	13.7	14.3	14.3
(WY)	2002	2003	2001	2002	2002	2002	2002	1999	1999	1999	2001	2002
SUMMARY	STATISTI	CS	FOR 2	002 CALEN	DAR YEAR	I	FOR 2003 WA	TER YEAR		WATER YEARS	5 1999 -	2003
ANNUAL 7	TOTAL			5112.5			5358.7					
ANNUAL N				14.0			14.7			14.7		
	ANNUAL M									15.4		2001
	ANNUAL ME			4.5	T 1 0-					13.9		2002
	DAILY ME				Feb 25			Nov 1			May 28	
	DAILY MEA	AN 7 MINIMUM			May 18 Jan 27			Sep 13			May 18	
	PEAK FLC			11	Jan 2/		24	Nov 5 Jun 20		27	Jan 27 Jul 13	2002
	PEAK STA							Jun 20			Jul 13	
	RUNOFF (A			10140			10630			10640		
	ENT EXCEE			16			16			16		
	ENT EXCEE			15			15			15		
90 PERCI	ENT EXCEE	EDS		11			13			12		

09415900 MUDDY SPRING AT L.D.S FARM NEAR MOAPA, NV

LOCATION.--Lat $36^{\circ}43'18''$, long $114^{\circ}42'53''$, in SE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.16, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, 0.1 mi downstream from L.D.S. mansion, and 6 mi northwest of Moapa.

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--August 1985 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,770 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Regulation for recreational purposes occurs 0.1 mi upstream. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41 ft³/ s, February 23, 2002, gage height, 2.18 ft; the gage was submerged by backwater and over bank flow from Muddy River on August 15, 1990, discharge and gage height unknown; minimum daily, 5.9 ft³/ s, May 10, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 33 ft³/s, October 12, gage height, 1.85 ft; minimum daily, 6.5 ft³/s, February 3.

		DISCHARGE	CUBIC	FEET PER		WATER Y	EAR OCTOBEI	R 2002 T	O SEPTEME	BER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1 2 3 4	8.0 7.9 7.7 7.7	7.6 8.5 8.3 7.2	7.4 7.4 7.3 7.4	6.9 7.4 7.9 7.8	7.4 7.6 6.5 6.6	7.8 7.6 7.6 7.6	8.1 8.2 8.3 8.3	8.1 8.1 8.6 8.7	8.1 8.2 7.6 7.9	7.5 7.5 7.5 7.4	7.3 7.9 8.2 6.8	7.2 7.5 6.9 7.2
5	8.8	7.6	7.4	7.8	6.6	8.4	9.4	7.6	7.9	7.8	7.1	7.2
6 7	8.5	7.5	7.3 8.2 8.2	6.8 6.9 6.9	6.7 6.9 7.9	7.5 7.8 7.8	9.0 7.7	8.1	7.9	8.3	7.1 7.1 7.1	7.2 7.2 7.3
8 9 10	8.1 7.8 7.5	7.4 8.4 8.3	7.1 7.2	6.9 7.6	8.0 6.9	7.8 7.8 7.8	8.2 8.2 8.2	8.1 8.1 8.7	8.3 8.6 8.5	7.6 7.0 7.2	7.1 7.8 8.0	7.2
11	7.7	7.1	7.3	7.5	6.9	7.8	8.2	8.4	8.6	7.2	6.8	7.2
12 13	8.7 8.5	7.3 7.4	7.2 7.2	7.7 6.7	7.1 7.1	7.9 7.9	8.9 8.8	7.3 7.7	8.6 8.6	7.9 8.1	7.1 7.2	7.2 7.5
14	7.3	7.4	8.3	6.9	7.1	8.0	7.7	8.0	8.6	6.8	7.2	8.1
15	7.6	7.3	8.1	6.9	7.6	9.1	8.1	8.1	8.6	7.2	7.2	6.8
16 17	7.7 7.7	7.3 7.3	7.8 7.9	6.9 6.9	7.2 6.9	9.0 7.9	8.1	8.1 9.0	8.6 8.6	7.6 6.9	8.2	7.2 7.2
18	7.6	7.3	7.9	7.9	7.2	8.1	8.1	8.9	8.4	7.1	6.9	7.2
19 20	8.4	7.4 7.4	8.0 7.8	7.7 6.6	7.5 7.1	8.1 8.2	9.0	7.6 8.1	8.0 7.7	7.8 8.0	7.2 7.2	7.2 8.0
21 22	7.3 7.6	7.4 7.4	7.8 7.8	6.7 6.7	7.4 7.8	8.3 9.1	7.7 8.1	8.1 8.1	7.7 7.9	6.8 7.4	7.2 7.2	8.1 6.9
23	7.7	8.5	6.8	6.9	7.6	9.0	8.1	8.1	7.4	6.8	8.1	7.2
24	7.7	8.3	7.0	6.7	7.1	7.9	8.1	8.4	8.0	7.1	8.1	7.2
25	7.7	7.4	7.0	7.1	7.4	8.1	8.1	8.9	7.4	7.1	6.9	7.2
26	8.7	7.1	6.9	6.7	7.5	8.2	8.9	7.5	7.7	8.0	7.2	7.2
27	8.6	7.4	6.9	6.7	7.6	8.2	8.8	8.0	7.7	8.1	7.2	8.0
28 29	7.3 7.6	7.4 7.4	7.0 7.0	6.7 6.7	7.6	8.3 9.0	7.7 8.1	8.0 8.0	8.3 8.5	6.9 7.5	7.4 6.8	8.0 6.8
30	7.6	7.4	6.9	6.7		8.9	8.1	7.9	7.1	7.0	7.1	7.1
31	7.6		6.9	6.6		7.8		8.0		7.3	7.2	
TOTAL	244.5	227.2	230.4	218.8	202.6	252.5	249.1	252.4	243.3	229.4	227.8	219.4
MEAN	7.89	7.57	7.43	7.06	7.24	8.15	8.30	8.14	8.11	7.40	7.35	7.31
MAX	8.8 7.3	8.5	8.3	7.9	8.0	9.1 7.5	9.4	9.0	8.6	8.3	8.2	8.1
MIN AC-FT	485	7.1 451	6.8 457	6.6 434	6.5 402	501	7.7 494	7.3 501	7.1 483	6.8 455	6.8 452	6.8 435
STATIST	rics of	MONTHLY MEA	N DATA I	FOR WATER	YEARS 19	85 - 200	3, BY WATE	R YEAR (WY)			
MEAN	7.39	7.38	7.38	7.42	7.47	7.45	7.44	7.34	7.31	7.18	7.20	7.28
MAX	8.24	8.38	8.42	8.48	9.22	8.55	8.33	8.31	8.25	8.21	8.42	8.27
(WY)	2002	2002	2002	2002	1993	2002	2002	2002	2002	2002	2002	2002
MIN (WY)	6.77 2001	6.92 2001	6.70 1991	6.91 2001	6.85 1991	6.71 1997	6.96 1997	6.69 1993	6.64 1993	6.43 1993	6.58 1993	6.57 1993
	Y STATIS			2001 2002 CALE			FOR 2003 W				ARS 1985	
ANNUAL	TOTAL			2986.1			2797.4	ı				
ANNUAL				8.1			7.6			7	. 36	
HIGHEST	r Annual									8.	36	2002
	ANNUAL							2	_		96	1997
	T DAILY DAILY M				Feb 23 Dec 23			Apr Feb		10		25 1993 10 1993
		EAN AY MINIMUM			Dec 23			Jan 2				5 1993
	M PEAK F					-	33			41	Feb 2	23 2002
MAXIMUN	M PEAK S	TAGE					1.8	5 Oct 1			18 Feb 2	23 2002
		(AC-FT)		5920			5550			5330		
	CENT EXC			8.7			8.5 7.6			8	. 1 . 3	
	CENT EXC			7.4			6.9				. 3 . 8	
20 1111				/	•		0.3			0		

09415908 PEDERSON EAST SPRING NEAR MOAPA, NV

 $LOCATION.--Lat\ 36^{\circ}42'35",\ long\ 114^{\circ}42'54",\ in\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec. 21,\ T.14\ S.,\ R.65\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010012,\ at\ U.S.\ Fish\ and\ Wildlife\ Station,\ 0.2\ mi\ north\ of\ Battleship\ Wash,\ 2.0\ mi\ west\ of\ State\ Highway\ 168,\ and\ 5.8\ mi\ northwest\ of\ Moapa.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder and 45° V-notch weir. Elevation of gage is 1,800 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Colorado River basin.

 $\label{eq:extremes} \mbox{EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.24 ft}^{3} \mbox{/s, many days in 2002 and 2003; minimum daily discharge } 0.16 \mbox{ ft}^{3} \mbox{/s on August 25-27, September 10, 11, 2003.}$

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge 0.24 ft³/s, many days; minimum daily, 0.16 ft³/s, August 25-27, September 10, 11.

		DISC	HARGE, CUB	IC FEET		WATER YEA		2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.23	0.23	0.24	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.17
2	0.23	0.23	0.24	0.23	0.24	0.24	0.21	0.21	0.18	0.17	0.17	0.17
3	0.23	0.23	0.24	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.17
4	0.23	0.23	0.24	0.23	0.23	0.24	0.20	0.21	0.18	0.17	0.17	0.17
5	0.23	0.23	0.24	0.23	0.23	0.24	0.21	0.21	0.17	0.17	0.17	0.17
6	0.23	0.23	0.24	0.23	0.23	0.24	0.20	0.21	0.17	0.17	0.17	0.17
7	0.23	0.23	0.24	0.23	0.23	0.24	0.20	0.21	0.17	0.17	0.17	0.17
8	0.23	0.23	0.24	0.23	0.23	0.24	0.20	0.21	0.17	0.17	0.17	0.17
9	0.23	0.24	0.24	0.23	0.23	0.24	0.20	0.21	0.18	0.17	0.17	0.17
10	0.23	0.23	0.24	0.23	0.23	0.24	0.20	0.21	0.17	0.17	0.17	0.16
11		0.23	0.24	0.23	0.23	0.22	0.20	0.21	0.17	0.17	0.17	0.16
12	0.23	0.23	0.24	0.23	e0.23	0.20	0.20	0.21	0.17	0.17	0.17	0.18
13	0.23	0.23	0.24	0.23	e0.24	0.20	0.20	0.20	0.17	0.17	0.17	0.19
14	0.23	0.23	0.24	0.23	e0.24	0.21	0.21	0.20	0.17	0.17	0.17	0.18
15	0.23	0.23	0.23	0.23	e0.23	0.21	0.21	0.19	0.17	0.17	0.17	0.19
16	0.23	0.23	0.23	0.23	e0.23	0.21	0.21	0.18	0.17	0.17	0.17	0.20
17	0.23	0.23	0.24	0.23	e0.24	0.21	0.21	0.18	0.17	0.17	0.17	0.19
18	0.23	0.23	0.23	0.23	e0.24	0.21	0.20	0.18	0.17	0.17	0.17	0.18
19	0.23	0.23	0.23	0.23	e0.24	0.21	0.20	0.18	0.17	0.17	0.17	0.18
20	0.23	0.23	0.23	0.23	e0.24	0.21	0.20	0.18	0.17	0.17	0.17	0.18
21	0.23	0.23	0.23	0.23	e0.24	0.21	0.20	0.18	0.17	0.17	0.17	0.18
22	0.23	0.23	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.17	0.17
23	0.23	0.23	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.17	0.18
24	0.23	0.23	0.23	0.23	0.24	0.21	0.21	0.19	0.17	0.17	0.17	0.17
25	0.23	0.24	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.16	0.17
26	0.23	0.24	0.23	0.23	0.24	0.21	0.21	0.18	0.17	0.17	0.16	0.17
27		0.24	0.23	0.23	0.24	0.20	0.21	0.18	0.17	0.17	0.16	0.17
28		0.24	0.23	0.23	0.24	0.20	0.21	0.17	0.17	0.17	0.17	0.17
29		0.24	0.23	0.23		0.20	0.21	0.17	0.17	0.17	0.17	0.17
30	0.23	0.24	0.23	0.23		0.20	0.21	0.18	0.17	0.17	0.17	0.17
31	0.23		0.23	0.23		0.20		0.18		0.17	0.17	
TOTAL	7.13	6.97	7.28	7.13	6.59	6.75	6.17	5.98	5.15	5.27	5.24	5.24
MEAN	0.23	0.23	0.23	0.23	0.24	0.22	0.21	0.19	0.17	0.17	0.17	0.17
MAX	0.23	0.24	0.24	0.23	0.24	0.24	0.21	0.15	0.18	0.17	0.17	0.20
MTN	0.23	0.23	0.23	0.23	0.23	0.20	0.20	0.17	0.17	0.17	0.16	0.16
AC-FT	14	14	14	14	13	13	12	12	10	10	10	10
									10	10	10	10
STATIST	ICS OF MC	NTHLY MEA	N DATA FO	R WATER	YEARS 200	2 - 2003,	BY WATER	YEAR (WY)				
MEAN	0.23	0.23	0.23	0.23	0.24	0.22	0.21	0.19	0.19	0.19	0.19	0.19
MAX	0.23	0.23	0.23	0.23	0.24	0.22	0.21	0.19	0.22	0.22	0.21	0.20
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2002	2002	2002	2002
MIN	0.23	0.23	0.23	0.23	0.24	0.22	0.21	0.19	0.17	0.17	0.17	0.17
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
SUMMARY	STATISTI	CS			FOR 2	003 WATER	YEAR			WATER YEAR	S 2002 -	2003
ANNUAL	TOTAL					74.90						
ANNUAL						0.21				0.21		
HIGHEST	ANNUAL M	IEAN								0.21		2003
	ANNUAL ME									0.21		2003
	DAILY ME					0.24 N	ov 9				Nov 9	
	DAILY MEA						ug 25				Aug 25	
	SEVEN-DAY						ug 21				Aug 21	
	RUNOFF (A				1	49	_			149	. 5	
	ENT EXCEE				_	0.24				0.24		
	ENT EXCEE					0.21				0.21		
	ENT EXCEE					0.17				0.17		
		-										

e Estimated

09415910 PEDERSON SPRING NEAR MOAPA, NV

 $LOCATION.-Lat\ 36^{\circ}42'35",\ long\ 114^{\circ}42'54",\ in\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec. 21,\ T.14\ S.,\ R.65\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010012,\ at\ U.S.\ Fish\ and\ Wildlife\ Station,\ 0.2\ mi\ north\ of\ Battleship\ Wash,\ 2.0\ mi\ west\ of\ State\ Highway\ 168,\ and\ 5.8\ mi\ northwest\ of\ Moapa.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--October 1986 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder and 45° V-notch weir. Elevation of gage is 1,800 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for periods subsequent to February 6, which are poor due to leakage under weir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.34 ft^3 s, August 30, 1992, gage height, 0.64 ft; minimum daily, 0.11 ft^3 s, September 27-30, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.19 ft³/s, November 13, gage height 0.47 ft; minimum daily, 0.11 ft³/s, September 27-30.

		DISC	CHARGE, O	CUBIC FEET P		WATER YE MEAN VA		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.18	0.17	e0.17	0.18	0.17	0.17	0.17	0.16	0.18	e0.16	0.15	e0.13
2	0.18	0.17	e0.17	0.18	0.17	0.17	0.18	0.16	0.18	e0.15	0.15	e0.13
3	0.17	0.17	e0.17	0.18	0.17	0.17	0.17	0.16	0.18	e0.15	0.15	e0.13
4	0.17	0.17	e0.18	0.18	0.17	0.17	0.16	0.16	0.18	e0.15	0.15	e0.13
5	0.17	0.17	e0.18	0.18	0.17	0.17	0.16	0.16	0.18	e0.15	0.15	e0.13
6 7	0.17 0.17	0.17	e0.18	0.18 0.18	0.17 0.17	0.17	0.16	0.16	0.18	e0.15	0.15 0.15	0.13
		0.17	e0.18			0.17	0.16	0.16	0.18	e0.15		
8	0.17	0.17	e0.18	0.17	0.17	0.17	0.16	0.16	e0.18	0.16	0.15	0.13
9	0.17	0.17	e0.18	0.17	0.17	0.17	0.16	0.16	e0.18	0.15	0.15	0.12
10	0.17	0.17	e0.18	0.17	0.17	0.17	0.16	0.16	0.18	0.16	0.15	0.12
11	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.18	e0.16	0.15	0.12
12	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.18	0.15	0.15	0.12
13	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.17	0.15	0.15	0.12
14	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.15	0.15	0.12
15	0.17	0.17	0.18	0.17	0.17	0.17	0.16	0.17	0.18	0.15	0.14	0.13
16	0.17	0.17	0.18	0.17	0.17	0.17	0.16	0.16	0.18	0.15	0.14	0.13
17	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.15	0.14	0.13
18	0.17	0.17	0.18	0.17	0.17	0.16	0.17	0.17	0.17	0.15	0.14	0.12
19	0.17	0.17	0.18	0.17	0.17	0.16	0.16	0.17	0.17	0.15	0.14	0.12
20	0.17	0.17	0.18	0.17	0.17	0.16	0.16	0.16	0.17	0.15	0.14	0.12
21	0.17	0.17	0.18	0.17	0.17	0.16	0.17	0.16	0.17	e0.15	0.14	0.12
22	0.17	0.17	0.18	0.17	0.17	0.16	0.17	0.16	0.16	e0.15	0.14	0.12
23	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.17	0.15	0.14	0.12
24	0.17	0.17	0.18	0.17	0.17	0.17	0.17	e0.16	0.17	0.15	0.14	0.12
25	0.17	0.17	0.18	0.17	0.17	0.16	0.17	e0.16	0.17	0.15	0.14	0.12
26	0.17	0.17	0.18	0.17	0.17	0.17	0.17	e0.16	e0.17	0.15	0.14	0.12
27	0.17	e0.17	0.18	0.17	0.17	0.17	0.17	e0.16	e0.17	0.15	0.14	0.11
28	0.17	e0.17	0.18	0.17	0.17	0.16	0.17	0.16	e0.16	0.15	0.13	0.11
29	0.17	e0.17	0.18	0.17		0.16	0.17	0.17	e0.16	0.16	0.13	0.11
30	0.17	e0.17	0.18	0.17		0.16	e0.17	0.17	e0.16	0.15	e0.13	0.11
31	0.17		0.18	0.17		0.17		0.17		0.15	e0.13	
TOTAL	5.29	5.10	5.55	5.34	4.76	5.18	5.00	5.04	5.20	4.70	4.44	3.67
MEAN	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.17	0.15	0.14	0.12
MAX	0.18	0.17	0.18	0.18	0.17	0.17	0.18	0.17	0.18	0.16	0.15	0.13
MIN	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.13	0.11
AC-FT	10	10	11	11	9.4	10	9.9	10	10	9.3	8.8	7.3
STATIST	ICS OF M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1987	- 2003,	, BY WATER	YEAR (V	IY)			
MEAN	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.21
MAX	0.26	0.26	0.25	0.25	0.24	0.26	0.27	0.26	0.26	0.27	0.26	0.26
(WY)	1998	1994	1998	1998	1998	1998	1998	1998	1998	1998	1997	1997
MIN	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.17	0.15	0.14	0.12
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
SUMMARY	STATIST	ICS	FOI	R 2002 CALE	NDAR YEAR]	FOR 2003 W	ATER YE	AR	WATER YEA	ARS 1987 -	2003
ANNUAL	TOTAL			70.0	0		59.2	7				
ANNUAL	MEAN			0.1			0.1			0.2	21	
HIGHEST	ANNUAL	MEAN								0.2		1998
	ANNUAL M									0 1		2003
HIGHEST	DAILY M	EAN		0.2	3 May 2		0.1	8 Oct	1		28 Jun 19	
	DAILY ME				7 Aug 16			1 Sep 2			l1 Sep 27	
		Y MINIMUM			7 Aug 16			1 Sep 2			ll Sep 24	
	1 PEAK FL			3.1				9 Nov 1			32 Sep 11	
	PEAK ST							7 Nov 1			54 Aug 30	
	RUNOFF (139			118			155		
	CENT EXCE			0.2			0.1	R		0.2	25	
	CENT EXCE			0.1			0.1			0.2		
	CENT EXCE			0.1			0.1			0.2		
>0 FERC	LL DACE			0.1	•		0.1	-		0.1		

e Estimated

09415920 WARM SPRINGS WEST NEAR MOAPA, NV

LOCATION.--Lat 36°42'41", long 114°42'48", in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.16, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, at U.S. Fish and Wildlife Station, 0.6 mi upstream from confluence with Muddy River, 1.9 mi west of State Highway 168, and 6.5 mi northwest of Moapa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1985 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 1,770 ft above NGVD of 1929, from topographic map. At datum 0.38 ft higher prior to July 12, 1993.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion for irrigation and fish hatchery above station. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 13 ft^3 / s, May 15, 1990, gage height, 2.16 ft; minimum daily, 2.8 ft^3 / s, September 28, 29, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3.8 ft³/s, February 12, gage height, 0.96 ft; minimum daily, 3.5 ft³/s, many days.

		DISC	CHARGE, CU	BIC FEET P		WATER YE	EAR OCTOBER	2002 TO S	SEPTEMBE	R 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	3.5	3.6	e3.6	e3.7	3.6	3.6	3.7	3.6	3.5	3.5	3.5
2	3.5	3.5	3.6	e3.6	e3.7	3.6	3.6	3.7	3.6	3.5	3.5	3.5
3	3.5	3.6	3.6	e3.6	e3.7	3.6	3.6	3.7	3.6	3.5	3.5	3.5
4	3.5	3.5	3.6	e3.6	e3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5
5	3.5	3.5	3.6	e3.6	e3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5
6	3.5	3.5	3.6	e3.6	e3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5
7	3.5	3.6	3.6	e3.6	e3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5
8	3.6	3.6	3.6	e3.6	e3.7	3.6	3.7	3.6	3.6	3.5	3.5	3.5
9	3.6	3.6	e3.6	e3.6	e3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.5
10	3.6	3.6	e3.6	e3.6	e3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5
11	3.6	3.6	e3.6	e3.6	e3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5
12	3.6	3.6	e3.6	e3.6	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5
13	3.6	3.6	e3.6	e3.6	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5
14	3.6	3.6	e3.6	e3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.5	3.5
15	3.6	3.6	e3.6	e3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.5	3.5
16	3.6	3.6	e3.6	e3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.5	3.5
17	3.6	3.6	e3.6	e3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.5	3.5
18	3.6	3.6	e3.6	e3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.5	3.5
19	3.6	3.6	e3.6	e3.6	3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.5
20	3.6	3.6	e3.6	e3.6	3.7	3.6	3.7	3.7	3.5	3.5	3.5	3.5
21	3.6	3.6	e3.6	e3.6	3.6	3.6	3.7	3.7	3.5	3.5	3.5	3.5
22	3.6	3.6	e3.6	e3.6	3.7	3.6	3.7	3.7	3.5	3.5	3.5	3.5
23	3.6	3.6	e3.6	e3.6	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5
24	3.6	3.6	e3.6	e3.6	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5
25	3.6	3.6	e3.6	e3.6	3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.5
26	3.6	3.6	e3.6	e3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5
27	3.6	3.6	e3.6	e3.7	3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.5
28	3.6	3.6	e3.6	e3.7	3.6	3.6	3.7	3.6	3.5	3.5	3.5	3.5
29	3.6	3.6	e3.6	e3.7		3.6	3.7	3.6	3.5	3.5	3.5	3.5
30	3.6	3.6	e3.6	e3.7		3.6	3.7	3.6	3.5	3.5	3.5	3.5
31	3.6		e3.6	e3.7		3.6		3.6		3.5	3.5	
TOTAL	111.0	107.5	111.6	112.2	102.9	113.0	110.1	112.2	105.6	108.5	108.5	105.0
MEAN	3.58	3.58	3.60	3.62	3.67	3.65	3.67	3.62	3.52	3.50	3.50	3.50
MAX	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.5
MIN	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5
AC-FT	220	213	221	223	204	224	218	223	209	215	215	208
STATIST	TICS OF M	ONTHLY MEA	AN DATA F	OR WATER Y	ZEARS 1985	- 2003,	BY WATER	YEAR (WY)				
MEAN	3.64	3.70	3.70	3.70	3.71	3.70	3.70	3.70	3.69	3.64	3.63	3.61
MAX	3.97	4.10	4.04	4.10	4.05	4.11	4.11	4.08	4.00	3.89	3.89	3.93
(WY)	1994	1994	1994	1994	1994	1998	1998	1998	1998	1998	1990	1998
MIN	3.20	3.37	3.34	3.30	3.31	3.23	3.14	3.12	3.20	3.19	3.17	3.29
(WY)	1993	1993	1986	1988	1986	1992	1992	1992	1992	1992	1992	1993
SUMMAR	Y STATIST	ICS	FOR	2002 CALEN	NDAR YEAR	F	OR 2003 WA	TER YEAR		WATER YEAR	RS 1985 -	2003
ANNUAL	TOTAL			1326.7			1308.1					
ANNUAL	MEAN			3.63	3		3.58	3		3.67	7	
HIGHEST	T ANNUAL	MEAN								3.96	5	1998
	ANNUAL M									3.38		
HIGHES'	T DAILY M	EAN			Jan 28		3.7	Jan 26		4.4	Sep 11	1998
LOWEST	DAILY ME	AN		3.5	Aug 21		3.5	Oct 2		2.8	Sep 28	1993
ANNUAL	SEVEN-DA	Y MINIMUM			Aug 21			Jun 9		3.0	May 12	1992
MAXIMUN	M PEAK FL	OW			-		3.8	Feb 12		13	May 15	1990
MAXIMUN	M PEAK ST	AGE					0.96	Feb 12		2.16	May 15	1990
ANNUAL	RUNOFF (AC-FT)		2630			2590			2660	-	
10 PERG	CENT EXCE	EDS		3.8			3.7			4.0		
50 PERG	CENT EXCE	EDS		3.6			3.6			3.7		
90 PER	CENT EXCE	EDS		3.6			3.5			3.4		

e Estimated

09415927 WARM SPRINGS CONFLUENCE AT IVERSON FLUME NEAR MOAPA, NV

 $LOCATION.-Lat\ 36^{\circ}42'41.1'',\ long\ 114^{\circ}42'31.7'',\ in\ SW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.15,\ T.14\ S.,\ R.65\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010012,\ on\ right\ bank,\ at\ U.S.\ Fish\ and\ Wildlife\ Station,\ 1.9\ mi\ west\ of\ State\ Highway\ 168,\ and\ 6.5\ mi\ northwest\ of\ Moapa.$

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,780 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharge. Records good. See schematic diagram of Colorado River Basin.

 $EXTREMESFOR PERIODOFRE CORD. -- Maximum discharge, 11.0 ft^{3} \\ s, March 16, 2003 gage height, 7.78 ft; minimum daily, 7.3 ft^{3} \\ s, several days, November and December 2001.$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11.0 ft³/ s, March 16, gage height, 7.78 ft; minimum daily, 8.0 ft³/ s, October 1.

		DISC	CHARGE, CUI	BIC FEET P		WATER Y Y MEAN V	EAR OCTOBER	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	9.2	9.2	8.7	8.6	8.4	10	9.2	8.4	8.5	8.7	8.5
2	8.3	9.2	9.3	8.8	8.6	8.4	10	9.3	8.4	8.5	8.8	8.6
3	8.3	9.2	9.2	8.7	8.7	8.4	10	9.3	8.4	8.6	8.7	8.6
4	8.4	9.2	9.1	8.7	8.9	8.5	10	9.4	8.4	8.6	8.7	8.7
5	8.4	9.2	8.9	8.7	8.9	8.6	10	9.4	8.4	8.6	8.7	8.6
6	8.4	9.2	8.9	8.8	9.0	8.7	10	9.4	8.4	8.6	8.7	8.6
7	8.2	9.2	8.9	8.8	9.0	8.7	10	9.4	8.4	8.6	8.7	8.6
8	8.2	9.2	8.8	9.0	9.0	8.5	10	9.5	8.7	8.5	8.8	8.5
9 10	8.3 8.6	9.2 9.1	8.7 8.7	9.1 9.2	8.8	8.5 8.5	10 10	9.3 9.3	8.9 8.9	8.5 8.5	8.8 8.9	8.7 8.6
10												
11	9.1	9.0	8.6	9.2	8.8	9.0	10	9.2	9.0	8.6	8.9	8.5
12	9.2	9.0	8.6	9.4	8.9	9.7	10	9.2	8.9	8.6	8.9	8.5
13	9.2	9.0	8.5	9.1	8.9	9.8	10	9.2	8.7	8.6	8.9	9.1
14	9.3	9.0	8.5	9.0	8.7	10	10	9.2	8.6	8.7	8.9	9.5
15	9.2	8.9	8.5	9.0	8.6	10	10	8.9	8.6	8.7	9.0	9.6
16	9.3	9.0	8.6	8.9	8.6	11	9.7	8.5	8.6	8.7	9.2	9.7
17	9.2	9.0	8.5	8.8	8.7	11	9.1	8.5	8.6	8.8	9.1	9.0
18	9.2	8.9	8.5	8.8	8.8	11	9.3	8.5	8.5	8.8	9.1	8.3
19	9.1	8.9	8.5	8.7	8.7	11	9.3	8.4	8.5	8.8	9.1	8.3
20	9.1	8.9	8.6	8.7	8.6	11	9.3	8.5	8.4	8.8	9.1	8.3
21	9.1	9.0	8.7	8.6	8.5	10	9.4	8.5	8.4	8.8	9.1	8.3
22	9.1	8.9	8.7	8.6	8.5	10	9.4	8.5	8.5	8.8	9.1	8.3
23	9.2	8.9	8.7	8.6	8.5	10	9.3	8.5	8.4	8.8	9.1	8.3
24	9.2	8.9	8.7	8.6	8.5	10	9.3	8.5	8.3	8.8	9.0	8.3
25	9.3	8.9	8.7	8.6	8.6	10	9.2	8.4	8.3	8.8	8.7	8.4
26	9.3	9.0	8.6	8.6	8.6	10	9.2	8.4	8.3	8.8	8.4	8.4
27	9.4	9.1	8.6	8.6	8.6	10	9.2	8.3	8.3	8.7	8.5	8.3
28	9.4	9.1	8.7	8.6	8.6	10	9.2	8.3	8.5	8.7	8.5	8.4
29	9.3	9.2	8.7	8.6		10	9.2	8.3	8.5	8.7	8.5	8.4
30	9.2	9.2	8.6	8.6		10	9.2	8.3	8.5	8.6	8.5	8.3
31	9.2		8.7	8.5		10		8.4		8.6	8.5	
TOTAL	276.7	271.7	270.5	272.6	244.0	298.7	289.3	274.0	255.7	268.7	273.6	258.2
	8.93	9.06	8.73	8.79	8.71	9.64	9.64	8.84	8.52			8.61
MEAN										8.67	8.83	
MAX	9.4	9.2	9.3	9.4	9.0	11	10	9.5	9.0	8.8	9.2	9.7
MIN AC-FT	8.0 549	8.9 539	8.5 537	8.5 541	8.5 484	8.4 592	9.1 574	8.3 543	8.3 507	8.5 533	8.4 543	8.3 512
פיים די די פיי	TICS OF M	MONTHI.V MI	מדבח ואבי	гор матгр	VEARS 20	02 - 20	03, BY WAT	ED VEAD (WV)			
MEAN	8.30	8.25	8.08	8.28	8.54	9.47	9.44	8.99	8.85	8.80	8.71	8.43
MAX	8.93	9.06	8.73	8.79	8.71	9.64	9.64	9.14	9.18	8.94	8.83	8.61
(WY)	2003	2003	2003	2003	2003	2003	2003	2002	2002	2002	2003	2003
MIN	7.67	7.45	7.43	7.77	8.38	9.30	9.24	8.84	8.52	8.67	8.60	8.24
(WY)	2002	2002	2002	2002	2002	2002	2002	2003	2003	2003	2002	2002
SUMMAR	Y STATIST	rics	FOR	2002 CALE	ENDAR YEA	R	FOR 2003	WATER YEA	AR.	WATER Y	EARS 2002	- 2003
ANNUAL	TOTAL			3209.	4		3253.	. 7				
ANNUAL	MEAN			8.7	79		8.	91		8	.68	
HIGHES	T ANNUAL	MEAN								8	.91	2003
	ANNUAL N										. 44	
	T DAILY N				Apr 1			Mar 1			Mar	
	DAILY ME				7 Jan :			0 Oct			.3 Nov	
		AY MINIMU	M	7.	7 Jan	1		3 Oct			.3 Nov	
	M PEAK FI							Mar 1			Mar	
	M PEAK ST							78 Mar 1	6		.78 Mar	16 2003
	RUNOFF			6370			6450			6290		
	CENT EXC			9.			9.				. 3	
	CENT EXC			9.			8.				. 7	
90 PER	CENT EXC	EEDS		7.	9		8.	4		7	.6	

09416000 MUDDY RIVER NEAR MOAPA, NV

LOCATION.—Lat 36°42′40", long 114°41′40", in SE $^1/_4$ SE $^1/_4$ sec.15, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, 0.1 mi upstream from Battleship Wash, 0.8 mi downstream from Home Ranch, 5 mi northwest of Moapa, 9.5 mi upstream from Meadow Valley Wash, and 26 mi upstream from Lake Mead.

DRAINAGE AREA.--3,820 mi², approximately, of which about 40 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--July 1913 to September 1915, April 1916 to September 1918, June 1928 to October 1931, April to July 1932, October 1944 to current year.

REVISED RECORDS.--WSP 1243: 1914 (M). WSP 1343: 1950 (M). WSP 1733: Drainage area.

GAGE.--Water-stage recorder and Cipolletti weir. Recording tipping bucket rain gage with 0.04 inch increment since December 1989. Elevation of gage is 1,710 ft above NGVD of 1929, from river-profile map. October 21, 1944, to September 30, 1948, water-stage recorder at datum 0.08 ft higher.

REMARKS.--No estimated daily discharges. Records good. Diversions for irrigation above station. Beginning October 1, 1976, records do not include part-time diversion about 100 ft upstream, for cooling of powerplants downstream. Normal flow originates from springs in reach 0.9 to 2.5 mi upstream from station. Flood peaks may be dampened by Arrow Canyon Dam. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 5,760 ft³/ s, August 16, 1990, gage height, 13.33 ft, on basis of slope-area measurement of peak flow; minimum daily, 19 ft³/ s, October 10, 1997. Maximum daily precipitation, 2.12 inches, September 11, 1998.

Discharge Gage height

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 60 ft³/ s, and maximum (*):

Discharge Gage height

				Discharg	ge Gage heigh	nt		I		Gage height		
		Date	Time	(ft^3/s)	(ft)		Date	Time	(ft^3/s)	(ft)		
		Aug 1	6 2245	*53	*0.96							
		Maximu	m daily prec	ipitation, 0.5	66 in. February 12	2.						
					PER SECOND			BER 2002	TO SEPTEM	IBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	34	31	33	36	37	27	37	32	29	29	28
2	37	32	31	35	39	39	25	39	32	3 0	30	28
3	29	34	32	38	38	37	25	39	34	30	30	27
4	27	36	34	39	38	37	30	39	35	3 0	29	27
5	32	36	35	41	38	36	35	36	36	29	29	27
6	30	35	34	38	37	35	36	36	34	29	29	27
7	28	33	33	37	37	36	35	39	32	30	28	27
8	29	30	34	32	36	35	36	41	32	31	28	27
9	28	31	35	32	36	34	33	37	32	31	29	26
10	29	31	35	31	34	35	31	34	30	31	30	26
11	29	29	36	33	34	35	29	37	3 0	30	28	26
12	30	31	34	34	35	34	27	35	29	30	28	26
13	30	32	31	36	40	33	31	35	29	32	29	26
14	30	33	33	32	34	32	30	35	28	31	28	26
15	31	31	35	31	33	33	31	35	29	32	28	25
16	30	29	36	31	33	36	29	33	29	32	40	25
17	31	28	39	32	33	39	29	33	30	30	36	26
18	32	28	36	33	33	36	27	34	30	30	30	27
19	27	29	34	32	33	34	33	33	3 0	31	29	25
20	26	32	35	33	35	40	35	32	30	31	29	24
21	26	32	35	35	33	39	33	31	30	29	29	24
22	23	33	36	35	32	37	35	29	30	30	29	23
23	25	34	35	35	34	34	36	29	31	30	29	22
24	29	35	36	35	39	33	30	28	30	30	30	22
25	28	34	36	34	40	32	30	29	29	30	29	22
26	29	33	36	34	40	31	30	28	31	30	29	22
27	29	30	35	33	38	30	31	28	31	30	28	25
28	30	31	31	33	39	31	3 0	28	3 0	29	27	25
29	30	32	32	33		29	31	28	31	29	27	24
30 31	30 35	32	31 31	33 33		31 28	31	28 32	29	29 29	29 30	24
TOTAL	916	960	1057	1056	1007	1068	931	1037	925	934	912	759
MEAN	29.5	32.0	34.1	34.1	36.0	34.5	31.0	33.5	30.8	30.1	29.4	25.3
MAX	37	36	39	41	40	40	36	41	36	32	40	28
MIN	23	28	31	31	32	28	25	28	28	29	27	22
AC-FT	1820	1900	2100	2090	2000	2120	1850	2060	1830	1850	1810	1510
t	1.64	0.68	0.24	0.16	1.64	0.48	0.60	0.00	0.00	0.00	0.44	0.04
STATIST	ICS OF MO	NTHLY MEAN	DATA FO	R WATER	YEARS 1913	- 2003,	BY WATER	YEAR (W	Y)			
MEAN	40.0	42.1	43.4	44.2	44.4	43.5	41.5	41.2	38.9	38.5	39.4	40.4
MAX	61.9	61.6	54.9	55.4	58.6	53.5	52.4	48.5	46.1	56.5	61.1	91.2
(WY)	1973	1961	1960	1960	1914	1958	1965	1958	1957	1984	1990	1967
MIN	25.5	26.9	28.0	30.5	30.3	28.9	31.0	33.1	30.8	30.1	27.3	25.3
(WY)	1997	2002	2002	1997	1997	1999	2003	2002	2003	2003	1995	2003
SUMMARY	STATISTI	CS	FOR 2	002 CALE	NDAR YEAR	F	'OR 2003 W	ATER YEAL	R	WATER YEAR:	S 1913 -	2003
ANNUAL '	TOTAL			11876			11562					
ANNUAL I	MEAN			32.5			31.7			41.4		
HIGHEST	ANNUAL M	IEAN								49.6		1958
LOWEST A	ANNUAL ME	AN								31.4		2002
HIGHEST	DAILY ME	AN		40	Feb 3		41	Jan !	5	930	Aug 16	1990
LOWEST 1	DAILY MEA	.N		23	Oct 22		22	Sep 2	3	19	Oct 10	
ANNUAL	SEVEN-DAY	MINIMUM		26	Oct 19		23	Sep 2	0	23	Sep 20	2003
MAXIMUM	PEAK FLO	W					53	Aug 1	6	5760	Aug 16	1990
MAXIMUM	PEAK STA	.GE					0.96			13.33	Aug 16	1990
ANNUAL 1	RUNOFF (A	C-FT)		23560			22930			29980		
10 PERC	ENT EXCEE	DS		36			37			49		
	ENT EXCEE			32			31			41		
90 PERC	ENT EXCEE	DS		29			27			32		

[†] Precipitation toal, in inches

09417500 MEADOW VALLEY WASH AT EAGLE CANYON NEAR URSINE, NV

LOCATION.--Lat 38°00'15", long 114°32'22", in NE $^{1}/_{4}$ SW $^{1}/_{4}$ sec. 25, T.2 N., R.39 E., Lincoln County, Hydrologic Unit 15010013, on left bank, at state highway 322 bridge, 1.2 miles north of Ursine, NV, and 3.0 miles south of Eagle Valley Reservoir State Park.

DRAINAGE AREA.--293 mi².

PERIOD OF RECORD.--November 1973 to April 1975 (periodic discharge measurements only), December 2002 to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 5,660 ft above sea level, from topographic map. November 1973 to April 1975, non-recording gage, December 2002 to current year.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by releases from Eagle Valley Reservoir about 5 miles upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 23 ft³/s January 11, 12, 2003, gage height 3.12 ft; minimum daily 2.6 ft³/s August 5, 6, 2003.

EXTREMES FOR CURRENT YEAR.-- Maximum discharge 23 ft³/s January 11, 12, gage height 3.12 ft; minimum daily 2.6 ft³/s August 5, 6.

		DISC	HARGE, CU	BIC FEET F	ER SECOND,	WATER YEAY Y MEAN VA		2002 TO S	SEPTEMBER :	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				12	13	14	6.9	7.6	3.3	3.4	3.2	4.4
2				12	13	13	6.9	7.5	3.2	3.3	3.2	4.4
3				1.2	12	13	6.9	7.7	3.0	3.4	3.2	4.4
4				13	12	12	7.0	8.7	2.9	3.4	3.1	4.4
5				13	12	12	7.1	9.7	2.8	3.4	2.6	4.4
6					11	12	7.5	10	2.9	3.5	2.6	4.4
7				14	10	11	7.8	9.9	3.1			4.4
8				15	9.6	10	7.9	9.9	3.3	3.0	3.6	4.3
9 10				16 18	9.2 9.2	9.5 8.8	7.9 7.9	11 13	3.6 3.7	3.1 3.1	3.7 3.6	4.3
11				21	9.6	8.2	7.8	13	3.7	3.1	3.6	4.0
12				22	10	7.9	7.8	12	3.7	3.2	3.7	3.9
13				21	14	7.7	7.6	10	3.7	3.2	3.7	3.9
14				19	18	7.5	7.3	9.0	3.8	3.2	3.8	e3.9
15				18	18	7.3	7.6	8.3	3.8	3.1	3.9	3.8
16				17	15	7.8	9.2	7.8	3.7	3.2	4.0	3.8
17				16	13	9.7	10	7.5	3.7	3.1	4.1	3.7
18			7.5	16	12	11	11	7.2	3.8	3.1	4.1	3.6
19			8.8	16	12	10	11	7.0	4.0	3.1	4.2	3.7
20			9.9	16	11	9.4	11	6.4	4.1	3.1	4.0	3.7
21			11	15	10	8.7	10	5.9	4.1	3.5	4.2	3.8
22			11	15	9.7	8.4	10	5.5	4.1	3.5	4.4	3.9
23			11	15	9.2	8.2	11	5.2	4.0	3.4	4.4 e4.4 e4.4	3.8
24			12	15	8.9	8.0	12	5.0	3.9	3.8	e4.4	3.8
25			12	14	9.7	7.9	12	4.8	3.8	3.6		3.8
26			11	15	12	7.7	11	4.6	3.6	3.6	e4.4	3.8
27			11	14	13	7.6	10	4.5	3.4	3.6	e4.5	3.8
28			11	14	14	7.1	9.4	4.3	3.4	3.6	4.5	3.8
29			11	14		6.7	8.4	4.1	3.4	3.6	4.5	3.8
30			11	13		6.7	7.9	3.9	3.4	3.3	4.4	3.9
31			11	13		6.8		3.5		3.2	4.3	
TOTAL				477	330.1	285.6	265.8	234.5	106.9	103.2	119.9	119.7
MEAN					11.8		8.86		3.56			3.99
MAX				22	18	14	12	13	4.1			4.4
MIN				12	8.9	6.7	6.9	3.5	2.8	3.0	2.6	3.6
AC-FT				946	655	566	527	465	212	205	238	237
STATIST	ICS OF MC	ONTHLY MEA	AN DATA F	OR WATER	YEARS 196	2 - 2003,	BY WATER	YEAR (WY	()			
MEAN	3.36	5.14	7.54	8.77	10.2	11.5	12.5	7.57	3.81	3.75	4.91	3.59
MAX	4.62	8.49	18.0	29.0	20.0	27.0	52.9	36.9	6.24	5.81	13.5	6.39
(WY)	1969	1964	1967	1969	1969	1969	1969	1973	1973	1970	1970	1963
MIN	0.82	1.25	2.24	4.59	6.33	6.30	4.43	3.00	2.65	2.71	2.67	2.51
(WY)	1974	1974	1974	1963	1965	1972	1966	1963	1964	1972	1972	1972
SUMMARY	STATISTI	CS		WATER YE	ARS 1962	- 2003						
LOWEST A HIGHEST LOWEST I ANNUAL S ANNUAL I	ANNUAL M ANNUAL ME DAILY MEA DAILY MEA SEVEN-DAY	EAN EAN AN MINIMUM AC-FT) EDS		13. 4. 220 0.	49 Jan 2 40 Oct 2 57 Oct 2	3 1965						
	ENT EXCEE			2.								
- 0 1 21(01				2.	•							

e Estimated

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV

 $LOCATION.-Lat~37^{\circ}33'20", long~114^{\circ}33'50", in~SW~^{1}/_{4}~NE~^{1}/_{4}~sec.35, T.4~S., R.66~E., Lincoln~County, Hydrologic~Unit~15010013, on~left~bank, 0.5~mi~east~of~Etna, 4.5~mi~southwest~of~Caliente, and 6~mi~downstream~from~Clover~Creek.$

DRAINAGE AREA.--1,670 mi².

PERIOD OF RECORD.--January 1951 to September 1960, November 1964 to September 1983, and October 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,200 ft above NGVD of 1929, by barometer. Prior to June 16, 1955, at site 1.8 mi downstream at different datum. Prior to October 29, 1998 at site 3.0 mi downstream at different datum.

REMARKS.--Records fair. Several diversions for irrigation above station. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 2,400 ft³/s, March 5, 1978, gage height, 9.41 ft, from floodmarks; maximum gage height, 12.58 ft, March 28, 1998; no flow July 26-28, 1966, several days, May through September, 2002.

Discharge Gage height

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*): Discharge Gage height

					Gage height				charge Ga			
	Date			(ft^3/s)	(ft)		Date Ti	ime (f	t ³ /s)	(ft)		
		Aug 15	2030	*540	*8.81		No other peaks	s greater tha	n base discha	rge		
		DISC	HARGE, C	UBIC FEET		WATER Y Y MEAN V	EAR OCTOBER 2 ALUES	2002 TO :	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.20	0.14	0.28	e0.94	1.2	e1.1	0.90	0.88	e0.60	0.12	0.02	1.3
2	0.71	0.11	0.17	e0.97	1.3	e1.2	1.4	1.1	0.44	0.14	0.03	0.33
3	0.33	0.12	0.05	e0.98	1.1	e1.4	1.6	2.2	0.16	0.14	0.00	0.58
4	0.10	0.12	0.05	e0.99	0.73	e1.5	1.8	1.2	0.60	0.14	0.00	0.67
5	e0.20	0.14	e0.09	e1.0	0.95	e1.4	0.76	1.0	1.8	0.21	0.00	0.49
6	e0.25	0.15	e0.15	e1.1	0.85	e1.4	0.68	1.8	1.6	0.30	0.00	0.39
7	e0.30	0.17	0.18	e1.0	0.78	e1.3	0.74	1.3	0.82	0.33	0.01	0.13
8	e0.45	0.22	e0.23	e1.2	0.76	1.3	0.42	0.99	0.91	0.35	0.01	0.04
9	0.62	0.25	e0.29	e1.1	e1.0	1.1	0.39	0.65	0.73	0.38	0.00	0.69
10	0.66	0.23	e0.34	e1.0	e1.1	1.3	0.64	0.63	1.4	0.40	0.13	0.88
11	0.67	0.20	e0.36	e0.99	1.2	0.96	0.43	0.83	1.8	0.24	0.36	0.69
12	0.48	0.20	e0.38	e0.97	e1.1	0.72	0.59	0.91	2.1	0.18	0.39	0.58
13	0.25	0.21	e0.41	e0.93	e1.0	0.58	0.75	0.60	1.9	0.31	0.04	0.27
14	0.31	0.21	e0.46	0.84	e1.1	0.80	0.56	0.89	0.94	0.37	0.00	0.04
15	0.29	0.21	0.48	0.75	e1.2	0.76	1.6	1.0	0.54	0.29	29	0.19
16	0.23	0.20	0.59	0.69	e1.2	1.3	1.5	0.91	0.42	0.23	12	2.0
17	0.20	0.20	0.62	0.68	e1.3	1.8	1.6	1.2	0.40	0.25	0.19	0.42
18	0.20	0.20	0.69	0.70	1.4	2.0	1.3	1.6	0.35	0.23	0.04	0.12
19	0.33	0.22	0.58	0.70	1.2	2.0	0.62	1.5	0.24	0.47	0.01	0.21
20	0.55	0.26	0.48	0.53	e1.1	1.4	1.4	1.2	0.02	0.28	0.01	0.27
21	0.58	0.27	0.47	0.60	e1.2	1.4	1.3	0.72	0.15	0.16	0.11	0.27
22	0.63	0.28	0.56	0.70	1.2	1.3	1.7	0.58	0.44	0.10	0.30	0.32
23	0.72	0.28	0.80	e0.90	1.2	1.1	1.7	0.42	0.37	0.10	0.03	0.32
24	0.85	0.27	0.71	0.85	e1.3	1.0	1.7	0.39	0.18	0.07	0.00	0.39
25	0.74	0.27	e0.71	1.1	e1.4	0.97	0.76	0.43	0.18	0.07	0.00	0.47
26	0.97	0.27	e0.75	1.3	e1.3	0.73	0.79	0.77	0.13	0.08	0.00	1.2
	1.2											
27		0.28	e0.79	e1.3	e1.2	0.88	0.59	1.0	0.04	0.08	0.03	0.47
28	1.1	0.33	e0.83	e1.1	e1.1	0.81	0.37	1.5	0.03	0.08	0.30	0.34
29	0.46	0.27	e0.85	1.1		0.56	0.53	1.5	0.03	0.07	0.63	0.31
30	0.21	0.25	e0.89	1.1		1.0	1.0	0.64	0.07	0.07	0.52	0.31
31	0.14		e0.91	1.2		1.3		e0.62		0.06	1.5	
TOTAL	14.93	6.52	15.18	29.31	31.47	36.37	30.12	30.96	19.29	6.41	45.67	14.79
MEAN	0.48	0.22	0.49	0.95	1.12	1.17	1.00	1.00	0.64	0.21	1.47	0.49
MAX	1.2	0.33	0.91	1.3	1.4	2.0	1.8	2.2	2.1	0.47	29	2.0
MIN	0.10	0.11	0.05	0.53	0.73	0.56	0.37	0.39	0.02	0.06	0.00	0.04
AC-FT	3 0	13	3 0	58	62	72	60	61	38	13	91	29
STATIST	rics of Mo	ONTHLY MEA	N DATA	FOR WATER	YEARS 1951	L - 2003	, BY WATER	YEAR (WY	7)			
MEAN	2.82	4.27	7.01	12.8	27.0	34.2	16.5	5.86	3.00	2.74	4.82	2.66
MAX	12.6	12.7	27.7	127	297	280	160	28.9	11.5	13.9	44.4	16.8
(WY)	1973	1958	1952	1993	1993	1978	1969	1998	1956	1956	1955	1998
MIN	0.16	0.22	0.49	0.95	1.12	1.01	0.66	0.42	0.099	0.041	0.081	0.11
(WY)	2002	2003	2003	2003	2003	2002	2002	2002	2002	2002	2002	2002
SUMMAR	Y STATIST	ICS	FOF	R 2002 CAL	ENDAR YEAR		FOR 2003 WA	TER YEA	R	WATER YEAR	RS 1951 ·	- 2003
ANNUAL	TOTAL			177.	78		281.02					
ANNUAL					49		0.77			10.5		
	r annual i	MEAN								61.5		1993
	ANNUAL M									0.55	5	2002
	r DAILY M			1.	6 Feb 9		29	Aug 1	5		Mar 5	
	DAILY ME				00 May 30			Aug			Jul 26	
		Y MINIMUM			00 Jul 9			Aug :			Jul 1:	
	M PEAK FLO			٠.				Aug 1			Mar !	
	M PEAK ST							Aug 1			Mar 28	
	RUNOFF (353			557		-	7580	20	
	CENT EXCE	. ,		1.	2		1.4			16		
	CENT EXCE			0.			0.59			3.4		
	CENT EXCE				01		0.08			1.1		
>				٠.			0.00			1.1		

e Estimated

09418700 MEADOW VALLEY WASH NEAR ROX, NV

 $LOCATION.-Lat\ 36^{\circ}50'24", long\ 114^{\circ}39'29", in\ NW\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.25,\ T.13\ S.,\ R.65\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010013,\ on\ left\ bank,\ about\ 3\ miles\ downstream\ from\ Rox.$

DRAINAGE AREA.--2,384 mi².

PERIOD OF RECORD.--February 1987 to September 1994, at site about 2 miles upstream, October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,855 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Several diversions for irrigation above station. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,620 ft^3/s , February 10, 1993, gage height, 7.02 ft ; minimum daily, 0.14 ft^3/s s August 9, 1987.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 83 ft³/ s, August 16, no gage height; minimum daily, 0.00 ft³/ s many days.

		DISC	CHARGE, CUI	BIC FEET PER		MEAN VA		2002 TO S.	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.47	1.0	1.0	1.1	1.5	e1.9	e1.9	e1.3	0.46	0.16	0.00	0.00
2	0.52	1.1	0.94	1.1	1.4	e1.9	e1.9	e1.3	0.46	0.15	0.00	0.00
3	0.54	1.0	0.90	1.1	1.3	e1.9	e1.9	e1.3	0.47	0.15	0.00	0.00
4	0.57	1.1	0.88	1.1	1.2	e1.8	e1.9	e1.3	0.46	0.15	0.00	0.00
5	0.56	1.1	0.87	1.1	e1.3	e1.8	e1.9	e1.3	0.46	0.15	0.00	0.00
6	0.51	1.2	0.87	1.1	e1.3	e1.8	e1.8	e1.3	0.44	0.15	0.00	0.00
7	0.49	1.3	0.85	1.1	e1.3	e1.8	e1.8	e1.1	0.44	0.13	0.00	0.00
8	0.49	1.3	0.81	1.1	e1.3	e1.8	e1.8	1.1	0.45	0.10	0.00	0.00
9	0.50	1.3	0.81	1.1	e1.3	e1.8	e1.8	1.1	0.47	0.10	0.00	0.00
10	0.51	1.4	0.80	1.2	e1.3	e1.8	e1.8	1.1	0.43	0.08	0.00	0.00
11	0.52	1.4	0.83	1.2	e1.3	e1.8	e1.7	1.1	0.48	0.04	0.00	0.00
12	0.52	1.2	0.85	1.2	e1.4	e1.8	e1.7	1.1	0.49	0.01	0.00	0.00
13	0.51	1.4	0.86	1.2	e1.5	e1.8	e1.7	1.1	0.47	0.01	0.00	0.00
14	0.53	1.3	0.87	1.2	e1.5	e1.8	e1.7	1.1	0.46	0.00	0.00	0.00
15	0.54	1.3	0.87	1.2	e1.5	e1.8	e1.7	1.0	0.43	0.00	0.01	0.00
16	0.57	1.3	0.89	1.1	e1.4	e1.8	e1.6	1.0	0.40	0.00	0.01	0.00
17	0.59	1.3	0.89	1.1	e1.4	e1.8	e1.6	0.85	0.39	0.00	0.00	0.00
18	0.60	1.2	0.91	1.2	e1.4	e1.8	e1.6	0.84	0.37	0.00	0.00	0.00
19	0.60	1.2	0.91	1.2	e1.4	e1.8	e1.6	1.0	0.34	0.00	0.00	0.00
20	0.63	1.2	1.00	1.1	e1.4	e1.8	e1.6	0.70	0.31	0.00	0.00	0.00
21	0.67	1.2	1.0	1.2	e1.4	e1.9	e1.5	0.54	0.32	0.00	0.00	0.00
22	0.68	1.1	1.0	1.2	e1.4	e1.9	e1.5	0.54	0.29	0.00	0.00	0.00
23	0.71	1.1	1.0	1.2	e1.5	e1.9	e1.5	0.52	0.29	0.00	0.00	0.00
24	0.75	1.1	1.0	1.2	e1.6	e1.9	e1.5	0.58	0.27	0.00	0.00	0.00
25	0.79	1.1	1.0	1.2	e1.6	e1.9	e1.5	0.55	0.27	0.00	0.00	0.00
26 27	0.91 1.0	1.1	1.0	1.2	e1.7 e1.7	e1.9 e1.9	e1.4	0.53	0.24	0.00	0.00	0.00
28	0.94	1.1	1.1	1.3	e1.7 e1.7		e1.4 e1.4	0.54	0.21	0.00	0.00	0.00
		1.1				e1.9 e1.9					0.00	
29 30	0.95	1.1	1.1	1.3		e1.9 e1.9	e1.4 e1.4	0.50	0.18	0.00	0.00	0.00
31	0.95		1.1	1.4		e1.9		0.46		0.00	0.00	
moma r	00.00	25.6	00.01	26.5	40.0	o	40 5	0.5.55		1 20	0.00	0 00
TOTAL MEAN	20.08	35.6 1.19	29.01 0.94	36.7	40.0	57.2 1.85	49.5	27.75	11.11	1.38	0.02	0.00
MAX	1.0	1.19	1.1	1.18	1.43	1.05	1.65 1.9	0.90 1.3	0.37	0.16	0.001	0.00
MIN	0.47	1.4	0.80	1.1	1.7	1.8	1.4	0.46	0.49	0.10	0.01	0.00
AC-FT	40	71	58	73	79	113	98	55	22	2.7	0.04	0.00
STATIS	TICS OF MO	ONTHLY ME	AN DATA F	OR WATER YE	ARS 1987	- 2003,	, BY WATER	YEAR (WY)			
										0.50		
MEAN	0.78	1.36	1.60	3.96	11.6	5.72	2.10	1.36	0.72	0.62	0.66	0.67
MAX	1.08	2.98	3.22	21.0	84.2	21.7	3.64	2.07	1.08	1.40	2.52	2.18
(WY)	2002	1988	1988	1993	1993	1992	1988	1989	1993	1992	1988	1990
MIN (WY)	0.65 2003	0.95 1990	0.94	1.18	1.42 1990	1.38	1.00 1994	0.79 1994	0.37	0.045	0.001 2003	0.000
	Y STATIST			2002 CALENI			FOR 2003 WA			WATER YEAR		
		105	1010		mic I bmc					WATER TEAR	5 1507	2003
ANNUAL ANNUAL				358.57 0.98			308.35			2.59		
	r annual i	MEAN								10.8		1993
LOWEST	ANNUAL MI	EAN										2003
	T DAILY M			2.2	Mar 29		1.9	Mar 1		693	Feb 10	1993
LOWEST	DAILY MEA	AN			Aug 16		0.00	Jul 14				
ANNUAL	SEVEN-DAY	Y MINIMUM	I	0.24	Aug 13		0.00	Jul 14		0.00	Jul 14 Jul 14	2003
	M PEAK FLO				-			Aug 16		1620	Feb 10	1993
MAXIMU	M PEAK STA	AGE								7.02	Feb 10	1993
ANNUAL	RUNOFF (A	AC-FT)		711			612			1870		
	CENT EXCE			1.7			1.8			2.7		
	CENT EXCE			1.0			0.95			1.2		
90 PER	CENT EXCE	EDS		0.30			0.00	1		0.38		

e Estimated

09419000 MUDDY RIVER NEAR GLENDALE, NV

LOCATION.--Lat 36°38'35", long 114°32'20", in NE ¹/₄ SW ¹/₄ sec.7, T.15 S., R.67 E., Clark County, Hydrologic Unit 15010012, on left bank, at the Narrows, 150 ft downstream from Weiser Wash, 2 mi southeast of Glendale, 2.4 mi downstream from Meadow Valley Wash, 4.5 mi northwest of Logandale, and 16 mi upstream from Lake Mead.

DRAINAGE AREA.--6,780 mi², approximately, of which about 3,000 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--January 1904 to December 1906 (gage heights only) and April to October 1910 (published as "near Moapa"), July 1913 to February 1914 (published as "near Logan"), February 1950 to September 1983, and October 1984 to current year.

REVISED RECORDS.--WSP 1243: 1906 (M). WSP 1733: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 1,460 ft above NGVD of 1929, from river-profile map. January 1, 1904, to December 31, 1906, non-recording gage just upstream at different datum. April 22, 1910, to February 21, 1914, non-recording gage and rating flume at lower end of the Narrows, 1.2 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,400 ft 3 / s, August 10, 1981, gage height, 27.10 ft; minimum, 15 ft 3 / s, October 10, 1997.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 30 ft, March 26, 1906 (datum then in use), discharge not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge greater than base discharge of 210 ft^3 s and maximum (*):

LATKLIN	LSTORC	OKKLIVI II	ZAIXIVIA		Gage height	man bas	se discharge	Disch	arge Gag			
		Date	Time	(ft ³ /s)	(ft)		Date	Time (ft ³ /	arge Gag	(ft)		
		Aug 22		*90	*6.17		Duit	(11)	5)	(11)		
		-			ER SECOND,	WATER Y MEAN V		ER 2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	33	34	35	34	38	31	35	26	25	25	34
2	32	32	3.4	35	36	3 9	3 0	3 9	26	25	25	3.2
3	33	33	34	35	37	38	3 0	38	27	26	25	31
4	28	34	35	36	37	3 9	3 0	3 9	26	25	25	33
5	29	33	35	37	3 7	3 9	3 3	38	27	26	24	3 3
6	31	33	35	37	37	38	33	35	27	26	25	32
7	29	33	35	35	37	38	33	33	26	26	26	32
8	29	31	35	35	37	38	33	35	26	26	25	32
9	29	3 0	36	35	37	37	33	34	26	25	25	32
10	29	31	36	34	3 7	38	32	33	26	25	25	32
11	28	e31	36	35	35	38	31	33	25	24	25	31
12	28	e32	36	36	35	38	31	33	25	25	25	3 0
13	28	e32	35	35	39	37	33	34	25	24	25	31
14	27	e33	33	34	35	37	34	34	26	24	27	32
15	29	33	36	34	34	36	35	36	27	24	27	32
16	3 0	32	36	33	3 4	37	3 5	38	26	24	3 0	32
17	31	31	37	34	34	36	35	37	26	24	36	31
18	3 0	32	37	34	34	37	35	3 6	25	25	29	e30
19	3 0	32	35	34	34	35	36	3 6	25	24	27	e30
20	3 0	34	35	34	35	34	38	35	24	24	27	e29
21	3 0	34	36	35	35	34	37	3 5	24	25	27	e29
22	29	34	36	35	35	36	37	34	26	24	40	e29
23	29	35	36	36	34	34	38	e30	25	24	30	e28
24 25	31 30	35 35	35 35	35 35	36	34 32	36 34	e28 e28	25 24	24 24	29 30	e28 e28
25	3.0	33	33	33	e36	32	34	620	24	24	30	620
26	3 0	34	35	35	e38	31	34	e28	24	24	3 0	e29
27	33	34	36	35	e37	31	35	e26	24	25	29	e30
28	32	33	3 7	34	e37	32	34	e26	25	25	28	e30
29	3 0	33	37	34		34	34	e27	25	24	3 0	e30
3 0	3 0	34	35	34		35	35	26	24	25	29	e30
31	33		35	34		33		26		25	32	
TOTAL	929	986	1098	1079	1003	1113	1015	1025	763	766	862	922
MEAN	30.0	32.9	35.4	34.8	35.8	35.9	33.8	33.1	25.4	24.7	27.8	30.7
MAX MIN	33 27	35 30	37 33	37 33	39 34	39 31	3 8 3 0	39 26	27	26	40	34
AC-FT	1840	1960	2180	2140	1990	2210	2010	2030	24 1510	24 1520	24 1710	28 1830
										1520	1/10	1030
								ER YEAR (WY				
MEAN	37.2	44.4	44.8	47.3	54.5	53.3	42.8	38.0	33.5	32.8	39.8	41.2
MAX (WY)	61.0 1973	209 1961	58.0 1961	98.0 1969	230 1993	237 1983	100 1969	48.0 1991	50.6 1965	51.5 1961	136 1981	225 1998
MIN	23.8	29.8	30.6	34.2	32.0	29.5	27.4	28.2	23.6	23.3	24.1	24.6
(WY)	1997	1996	1997	1998	1997	1989	1989	1997	1997	1990	2001	1996
	STATIST:				NDAR YEAR	1303		WATER YEAR		WATER YEA		
		LCS	FOR .		NDAR IEAR			WAILK ILAN	-	MAIL NAIAW	.KS 1950 .	- 2003
ANNUAL ANNUAL				11627 31.9			11561 31	. 7		42.4		
	ANNUAL N									60.7 30.4		1961
	ANNUAL MI DAILY MI			43	Feb 14		40	Aug 22			Nov.	1997
	DAILY MEA			21	Jul 4		24	Aug 22 Jun 20		15	Nov 6	1997
		Y MINIMUM		22	Jun 29		24			18	Jul 2	3 1990
	PEAK FLO						90			16400		
	I PEAK STA							.17 Aug 22			.0 Aug 1	
ANNUAL	RUNOFF (A	AC-FT)		23060			22930			30720	-	
	CENT EXCE			38			37			51		
	CENT EXCE			31			33			38		
90 PERC	CENT EXCE	SUS		27			25			28		

e Estimated

09419507 MUDDY RIVER AT LEWIS AVENUE AT OVERTON, NV

LOCATION.--Lat 36°32'07", long 114°25'42", in NE ¹/₄ NW ¹/₄ sec.19, T.16 S., R.68 E., Clark County, Hydrologic Unit 15010012, on left wing wall of upstream side of arched, concrete/corrugated-metal culvert on Lewis Avenue, .25 mi east of State Route 169, .05 mi upstream of Overton Wash, and 1.5 mi upstream from Lake Mead.

DRAINAGE AREA.--6,940 mi², of which approximately 3,240 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--August 1997 to current year. Records for August and September 1997 available from Southern Nevada Water Authority. REVISED RECORDS.--WDR NV-99-1: 1998.

GAGE.--Water-stage recorder. Elevation of gage is 1,251 ft above mean sea level, from gps static observation, using NAVD-88, by Southern Nevada Water Authority.

REMARKS.--Records good except for estimated daily discharges, which are poor. Discharge at gage is predominantly irrigation return flow. An irrigation diversion approximately 7 mi upstream of the gage diverts the entire base flow of the Muddy River. At discharges greater than 215 ft³/s, flow can bypass the main channel immediately above the gage. See schematic diagram of Colorado River Basin.

COOPERATION .-- Partial years record provided by Southern Nevada Water Authority and reviewed by the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 1,300 ft³/s, September 12, 1998, gage height 9.88 ft; minimum daily, 3.1 ft³/s, August 2, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during periods of operation, 40 ft³/s, March 17, gage height, 4.64 ft; minimum daily, 3.6 ft³/s, May 31.

		DISC	HARGE, CUB	IC FEET PI		, WATER YE. LY MEAN VA		2 2002 TO SE	EPTEMBER 20	003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.3					9.5	12	8.2				
2	11					8.5	11	9.7				
3	13					7.4	10	7.7				
4	9.1					8.0	14	e10				
5						7.8	13	e11				
6						8.7	14	e12				
7						8.1	15	e9.9				
8					9.5	12	17	e10				
9					11	8.1	15	e10				
10					6.0	6.1	15	e9.5				
11					10	5.8	16	e7.9				
12					13	6.4	15	e9.1				10
13					28	8.1	12	e11				14
14					32	12	14	e9.8				8.9
15					28	11	18	e8.3				7.5
16					27	9.8	16	e8.8				9.3
17					26	12	22	8.0				7.4
18					25	14	17	6.9				4.7
19					21	11	10	11				10
20					20	13	10	12				7.3
21					25	12	10	7.8				5.3
22					27	12	8.6	10				8.3
23					26	10	9.9	8.0				6.9
24					23	9.7	10	6.4				9.6
25					15	12	8.5	4.2				8.7
26					15	13	8.3	7.3				14
27					8.7	11	8.1	7.1				9.1
28					10	8.2	7.7	8.5				10
29						12	5.3	9.0				10
30						15	6.0	7.2				7.4
31						14		3.6				
TOTAL						316.2	368.4	269.9				
MEAN						10.2	12.3	8.71				
MAX						15	22	12				
MIN						5.8	5.3	3.6				
AC-FT						627	731	535				

e Estimated

09419547 BLUE POINT SPRINGS NEAR VALLEY OF FIRE STATE PARK, NV

 $LOCATION.-Lat\ 36^{\circ}23'24'',\ long\ 114^{\circ}25'59'',\ in\ NW\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec.7,\ T.18\ S.,\ R.68\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010005,\ on\ left\ bank,\ in\ Lake\ Mead\ National\ Recreation\ Area,\ about\ 4\ mi\ east\ of\ Valley\ of\ Fire\ State\ Park,\ and\ 13\ mi\ south\ of\ Overton.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--December 1998 to September 1999 (discharge measurements only); October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,540 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 0.70 ft³/ s, October 16, 18, 19, 1999, gage height, 4.04 ft; minimum daily, 0.45 ft³/ s, March 8, 9, 2000, January 10 through February 3.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.59 ft³/s, April 14, 15, 17, gage height, 4.00 ft; minimum daily, 0.52 ft³/s, October 1 and 2.

		DIS	CHARGE,	CUBIC FEET	PER SECOND,	WATER Y		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.52	0.56	0.54	0.54	0.54	0.54	0.56	0.54	0.56	0.55	0.54	e0.55
2	0.52	0.56	0.54	0.54	0.54	e0.54	0.56	0.54	0.56	0.55	0.54	e0.55
3	0.54	0.55	0.54	0.54	0.54	0.54		0.54	0.56	0.55	0.54	e0.55
4	0.54	0.54	0.54	0.54	0.54	0.54	0.56	0.54	0.56	0.54	0.54	e0.55
5	0.54	0.54	0.54	0.54	0.54	0.54		0.54	0.56	0.54	0.54	e0.55
6	0.54	0.55	0.54	0.54	0.54	0.54	0.56	0.55	0.56	0.54	0.54	e0.55
7	0.55	0.56	0.54	0.54	0.54	0.54	0.55	0.56	0.56	0.54	0.54	e0.55
8	0.56	0.56	0.54	0.54	0.54	0.54	0.55	0.56	0.56	0.54	0.54	e0.55
9	0.56	0.56	0.54	0.54	0.54	0.54	0.56	0.56	0.56	0.54	0.54	e0.55
10	0.56	0.55	0.54	0.54	0.54	0.54	0.56	0.54	0.56	0.54	0.54	e0.55
11	0.56	0.54	0.54	0.54	0.54	0.54		0.54	0.56	0.54	0.54	e0.55
12	0.56	0.54	0.54	0.54	0.54	0.54	0.56	0.55	0.56	0.54	0.54	e0.55
13	0.56	0.54	0.54	0.54	0.54	e0.55		0.56	0.55	0.54	0.54	e0.55
14	0.56	0.54	0.54	0.54	0.54	0.55	0.58	0.56	0.55	0.54	0.54	e0.55
15	0.56	0.54	0.54	0.54	0.54	0.56	0.57	0.55	0.55	0.54	0.54	e0.55
16	0.56	0.54	0.54	0.54	0.54	0.56		0.55	0.56	0.54	0.54	e0.55
17	0.56	0.54	0.54	0.54	0.54	0.56		0.56	0.56	0.54	0.54	e0.55
18	0.56	0.54	0.54	0.54	0.54	0.56		0.56	0.56	0.54	0.54	e0.55
19	0.56	0.54	0.54	0.54	0.54	0.55		0.54	0.56	0.54	e0.55	0.56
20	0.56	0.54	0.54	0.54	0.54	0.54	0.56	0.54	0.56	0.54	e0.55	0.56
21	0.56	0.54	0.54	0.54	0.54	0.54		0.54	0.56	0.54	e0.55	0.56
22	0.56	0.54	0.54	0.54	0.54	0.54		0.55	0.56	0.54	e0.55	0.56
23	0.56	0.54	0.54	0.54	0.54	0.55		0.56	0.56	0.54	e0.55	0.56
24	0.56	0.54	0.54	0.54	0.54	0.54		0.56	0.54	0.54	e0.55	0.56
25	0.56	0.54	0.54	0.54	e0.54	0.54	0.56	0.56	0.54	0.54	e0.55	0.56
26	0.56	0.54	0.54	0.54	0.54	0.55		0.56	0.54	0.54	e0.55	0.56
27	0.56	0.54	0.54	0.54	0.54	0.56		0.56	0.55	0.54	e0.55	0.56
28	0.56	0.54	0.54	0.54	0.54	0.56		0.56	0.55	0.54	e0.55	0.56
29	0.56	0.54	0.54	0.54		0.56		0.56	0.55	0.54	e0.55	0.56
30	0.56	0.54	0.54	0.54		0.56		0.56	0.56	0.54	e0.55	0.56
31	0.56		0.54	0.54		0.56		0.56		0.54	e0.55	
TOTAL	17.19	16.33	16.74	16.74	15.12	16.97	16.73	17.11	16.68	16.77	16.87	16.62
MEAN	0.55	0.54	0.54	0.54	0.54	0.55		0.55	0.56	0.54	0.54	0.55
MAX	0.56	0.56	0.54	0.54	0.54	0.56	0.58	0.56	0.56	0.55	0.55	0.56
MIN	0.52	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.55
AC-FT	34	32	33	33	3 0	34	33	34	33	33	33	33
STATIST	TICS OF M	ONTHLY ME	AN DATA	FOR WATER	R YEARS 2000	- 200	3, BY WATER	YEAR (W	IY)			
MEAN	0.56	0.56	0.54	0.55	0.53	0.53	0.56	0.54	0.55	0.56	0.55	0.55
MAX	0.59	0.62	0.61	0.65	0.55	0.56		0.57	0.59	0.61	0.62	0.63
(WY)	2002	2000	2000	2000	2000	2001		2001	2001	2001	2001	2001
MIN	0.52	0.52	0.49	0.46	0.48	0.51		0.50	0.48	0.48	0.48	0.49
(WY)	2001	2002	2002	2002	2002	2000		2000	2002	2002	2002	2002
SUMMAR	Y STATIST	ICS	FO:	R 2002 CA1	LENDAR YEAR		FOR 2003 W	ATER YE	AR	WATER YE	ARS 2000	- 2003
ANNUAL	попат			185	2.5		199.8	7				
ANNUAL					.51		0.5			0.	55	
	T ANNUAL	MEAN		0	. 5 1		0.5				57	2001
	ANNUAL M										50	2001
	T DAILY M			0	.56 Apr 14		0.5	8 Apr 1	1 4		67 Oct 1	
	DAILY ME			0	.45 Jan 10		0.5	2 Oct			45 Mar	
	SEVEN-DA		1		.45 Jan 10			4 Oct			45 Jan 1	
	M PEAK FL							9 Apr 1			70 Oct 1	
	M PEAK ST							0 Apr 1			04 Oct 1	
	RUNOFF (367			396			398		
	CENT EXCE				.56		0.5			0.		
	CENT EXCE			0	.49		0.5			0.		
	CENT EXCE				. 47		0.5			0.		

e Estimated

09419550 ROGERS SPRING NEAR OVERTON BEACH, NV

 $LOCATION.-Lat\ 36^{\circ}22'36'', long\ 114^{\circ}26'33'', in\ SE\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec. 12, T.18\ S., R.67\ E., Clark\ County,\ Hydrologic\ Unit\ 15010005,\ on\ left\ bank,\ in\ Lake\ Mead\ National\ Recreation\ Area,\ 6.6\ mi\ southwest\ of\ Overton\ Beach,\ and\ 14\ mi\ south\ of\ Overton.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--August 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,570 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Minor temporary regulation for recreation upstream. See schematic diagram of Colorado River Basin.

 $\label{eq:extremesforperiod} \begin{tabular}{ll} EXTREMES FOR PERIODOFRECORD.--Maximum discharge, 26 ft^3/& s, August 16, 1990, from rating curve extended above 2.2 ft^3/& s, on basis of velocity-area study; minimum daily, 0.90 ft^3/& s, August 25, 1992. \end{tabular}$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.90 ft³/s, many days, gage height, 0.74 ft; minimum daily, 1.6 ft³/s, several days.

		DISCHAR	GE, CUBI	C FEET PER	,	WATER YE MEAN VA	AR OCTOBER LUES	2002 TO	SEPTEME	BER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1 2 3 4 5	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.6 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.6 1.7
6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
7 8 9 10	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7
11 12 13 14	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.6 1.7
15	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	e1.7
16 17 18 19 20	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	e1.7 e1.7 e1.7 1.7
21 22 23 24 25	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7	1.7 1.7 1.7 1.7
26 27 28 29	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.7 1.7	1.7 1.6 1.6 1.7	1.7 1.7 1.7	1.7 1.7 1.7
30 31	1.7	1.7	1.7 1.7	1.7		1.7	1.7	1.7	1.6	1.7 1.7	1.7	1.7
TOTAL MEAN MAX MIN AC-FT	52.7 1.70 1.7 1.7	51.0 1.70 1.7 1.7	52.7 1.70 1.7 1.7	52.7 1.70 1.7 1.7	47.6 1.70 1.7 1.7 94	52.7 1.70 1.7 1.7	51.0 1.70 1.7 1.7	52.7 1.70 1.7 1.7 105	50.8 1.69 1.7 1.6	52.4 1.69 1.7 1.6 104	52.7 1.70 1.7 1.7 105	50.8 1.69 1.7 1.6
STATIST	ICS OF MO	ONTHLY MEA	N DATA F	OR WATER Y	EARS 1985	- 2003,	BY WATER	YEAR (WY)				
MEAN MAX (WY) MIN (WY)	1.69 1.85 2000 1.54 1996	1.68 1.92 1991 1.55 1997	1.66 1.89 1993 1.43 1997	1.65 2.16 1993 1.27 1986	1.66 2.28 1993 1.23 1992	1.63 1.94 1993 1.25 1987	1.61 1.82 2000 1.22 1987	1.62 1.80 1995 1.37 1992	1.67 1.89 1993 1.46 1992	1.67 1.88 1993 1.38 1992	1.68 2.02 1993 1.35 1992	1.67 1.91 1993 1.46 1989
SUMMARY	STATIST	ıcs	FOR	2002 CALEN	DAR YEAR	F	OR 2003 WA	TER YEAR		WATER YEARS	1985	- 2003
LOWEST HIGHEST LOWEST ANNUAL MAXIMUM	MEAN ANNUAL MEANUAL ME	EAN EAN AN Y MINIMUM OW			Feb 28 Jan 1 Jan 1			Oct 1 Jun 29		0.90 1.1 26	Aug 19 Aug 29 Feb 29	5 1992 5 1986 5 1990
ANNUAL 10 PERC 50 PERC	RUNOFF (A ENT EXCENTEXCE	AC-FT) EDS EDS		1230 1.7 1.7 1.7			1230 1.7 1.7 1.7			1200 1.8 1.7 1.5	Aug I	. 1,,,,

e Estimated

09419625 CORN CREEK SPRING AT NATIONAL FISH AND WILDLIFE HEADQUARTERS, NV

LOCATION.--Lat 36°26′20", long 115°21′26", in NW $^1/_4$ NE $^1/_4$ sec.34, T.17 S., R.59 E., Clark County, Hydrologic Unit 15010015, in Desert National Wildlife Range, on right bank, at National Fish and Wildlife Headquarters complex, 4 mi east of U. S. Highway 95, and 20 mi northwest of Las Vegas.

DRAINAGE AREA--Indeterminate.

PERIOD OF RECORD.--July 1985 to September 1994, January 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,790 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. See schematic diagram of Colorado River Basin.

 $EXTREMES FOR PERIOD OF RECORD. --Maximum discharge, 1.10 \, ft^3 \hspace{0.5cm} s, April \, 2, 1989, gage \, height, 1.44 \, ft; minimum \, daily, 0.24 \, ft^3 \hspace{0.5cm} s, many \, days \, some \, years.$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.37 ft³/s, August 28 and September 17-30, gage height, 1.01 ft, minimum daily, 0.22 ft³/s, March 11.

DAY			DISC	CHARGE, C	UBIC FEET P		WATER Y		2002 TO SE	EPTEMBER	2003		
2 0.35 0.35 0.35 0.36 0.34 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.35 3 0.35 0.35 0.35 0.36 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.35 4 0.35 0.35 0.35 0.35 0.36 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.32 0.35 5 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.3	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2 0.35 0.35 0.35 0.36 0.34 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.35 3 0.35 0.35 0.35 0.36 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.35 4 0.35 0.35 0.35 0.35 0.36 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.22 0.32 0.35 5 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.3	1	0.35	0.35	0.35	0.34	0.34	0.35	0.28	0.30	0.28	0.30	0.33	0.35
1													
S	3			0.35	0.34	0.34		0.28	0.30	0.28	0.30		
6 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	4	0.35	0.35	0.35	0.34	0.34	0.35	0.28	0.30	0.28	0.30	0.32	0.35
7 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	5	0.35	0.35	0.35	0.35	0.34	0.35	0.29	0.30	0.28	0.32	0.32	0.35
B													
P													
10 0.35 0.35 0.35 0.35 0.34 0.35 e0.33 0.28 0.30 0.28 0.30 0.30 0.32 0.32 0.35 11 0.35 0.35 0.35 0.35 0.34 0.35 0.31 0.28 0.30 0.30 0.30 0.32 0.32 0.35 12 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35													
11													
12	10	0.35	0.35	0.35	0.34	0.35	e0.33	0.28	0.30	0.28	0.32	0.32	0.35
13													
14													
15													
16 0.35 0.35 0.35 0.35 0.34 0.34 0.34 0.30 0.28 0.30 0.30 0.32 0.34 0.34 0.36 17 0.35 0.35 0.35 0.35 0.34 0.34 0.34 0.30 0.28 0.30 0.30 0.30 0.31 0.32 0.37 0.37 19 0.35 0.35 0.35 0.34 0.34 0.30 0.30 0.30 0.30 0.30 0.30													
17	15	0.35	0.35	0.35	0.34	0.35	0.30	0.29	0.30	0.30	0.32	0.34	0.36
18													
19 0.35													
1													
21 0.35 0.35 0.35 0.35 0.34 0.34 0.34 0.30 0.30 0.30 0.30 0.30													
1	20	0.35	0.35	0.35	0.34	0.34	0.30	0.30	0.30	0.30	0.34	0.35	0.37
1	21	0.35	0.35	0.35	0.34	0.34	0.30	0.30	0.30	0.30	0.33	0.35	0.37
24	22	0.35	0.35	0.35	0.34	0.34	0.30	0.30	0.30	0.30	0.32	0.35	0.37
25	23	0.35	0.35	0.35	0.34	0.35	0.30	0.30	0.30	0.30	0.32	0.35	0.37
26 0.35 0.35 0.35 0.35 0.34 0.35 0.30 0.30 0.29 0.30 0.33 0.35 0.37 27 0.35 0.35 0.35 0.34 0.35 0.30 0.30 0.30 0.30 0.30 0.33 0.36 0.37 28 0.35 0.35 0.35 0.34 0.35 0.28 0.30 0.30 0.30 0.30 0.33 0.36 0.37 0.37 29 0.35 0.35 0.35 0.34 0.34 0.35 0.28 0.30 0.30 0.30 0.30 0.34 0.36 0.37 30 0.35 0.35 0.35 0.34 0.34 0.35 0.28 0.30 0.28 0.30 0.34 0.36 0.37 30 0.35 0.35 0.34 0.34 0.34 0.34 0.35 0.38 0.30 0.28 0.30 0.30 0.33 0.35 0.37 31 0.35 0.34 0.34 0.34 0.34 0.34 0.34 0.36 0.37 0.28 0.30 0.28 0.30 0.33 0.35 0.35 0.37 31 0.35 0.35 0.34 0.34 0.34 0.35 0.36 0.39 0.28 0.30 0.29 0.30 0.35 0.35 0.35 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	24	0.35	0.36	0.35	0.34	0.35	0.30	0.30	0.30	0.30	0.34	0.35	0.37
27	25	0.35	0.36	0.35	0.34	0.35	0.30	0.30	0.29	0.30	0.35	0.35	0.37
28 0.35 0.35 0.35 0.35 0.34 0.36 0.38 0.28 0.30 0.30 0.30 0.30 0.33 0.37 0.37 29 0.35 0.35 0.35 0.34 0.34 0.36 0.30 0.28 0.30 0.30 0.33 0.37 0.37 30 0.35 0.35 0.35 0.34 0.34 0.36 0.37 0.37 0.37 0.37 0.35 0.35 0.35 0.34 0.34 0.34 0.36 0.30 0.28 0.30 0.28 0.30 0.33 0.35 0.37 31 0.35 0.35 0.34 0.34 0.34 0.36 0.37 0.28 0.30 0.28 0.30 0.33 0.35 0.37 31 0.35 0.35 0.34 0.34 0.34 0.36 0.37 0.28 0.30 0.28 0.30 0.33 0.35 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	26	0.35	0.35	0.35	0.34	0.35	0.30	0.30	0.29	0.30	0.33	0.35	0.37
29	27	0.35	0.35	0.35	0.34	0.35	0.30	0.30	0.30	0.30	0.33	0.36	0.37
30	28	0.35	0.35	0.35	0.34	0.35	0.28	0.30	0.30	0.30	0.33	0.37	0.37
31	29	0.35	0.35	0.35	0.34		0.28	0.30	0.28	0.30	0.34	0.36	0.37
TOTAL 10.85 10.52 10.83 10.57 9.68 9.73 8.67 9.22 8.84 10.00 10.46 10.82 MEAN 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	3 0	0.35	0.35	0.34	0.34		0.28	0.30	0.28	0.30	0.33	0.35	0.37
MEAN 0.35 0.35 0.35 0.34 0.35 0.31 0.29 0.30 0.29 0.32 0.34 0.36 MAX 0.35 0.36 0.35 0.35 0.35 0.35 0.35 0.30 0.30 0.31 0.35 0.37 0.35 AC-FT 22 21 21 21 19 19 17 18 18 20 21 21 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2003, BY WATER YEAR (WY) MEAN 0.30 <	31	0.35		0.34	0.34		0.28		0.28		0.33	0.35	
MAX 0.35 0.36 0.35 0.36 0.35 0.35 0.35 0.35 0.35 0.30 0.30 0.31 0.35 0.37 0.37 MIN 0.35 0.35 0.34 0.34 0.34 0.28 0.28 0.28 0.28 0.28 0.20 0.32 0.35 AC-FT 22 21 21 21 19 19 19 17 18 18 18 20 21 21 21 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2003, BY WATER YEAR (WY) MEAN 0.30 0.30 0.31 0.30 0.30 0.30 0.30 0.30	TOTAL	10.85	10.52	10.83	10.57	9.68	9.73	8.67	9.22	8.84	10.00	10.46	10.82
MIN 0.35 0.35 0.34 0.34 0.34 0.34 0.28 0.28 0.28 0.28 0.30 0.30 0.32 0.35 AC-FT 22 21 21 21 19 19 17 18 18 20 21 21 21 21 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2003, BY WATER YEAR (WY) MEAN 0.30 0.30 0.31 0.30 0.30 0.30 0.30 0.30	MEAN				0.34								
MIN 0.35 0.35 0.34 0.34 0.34 0.34 0.28 0.28 0.28 0.28 0.30 0.30 0.32 0.35 AC-FT 22 21 21 21 19 19 19 17 18 18 20 21 21 21 21 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2003, BY WATER YEAR (WY) MEAN 0.30 0.30 0.31 0.30 0.30 0.30 0.30 0.30	MAX	0.35	0.36	0.35	0.35	0.35	0.35	0.30	0.30	0.31	0.35	0.37	0.37
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2003, BY WATER YEAR (WY) MEAN	MIN	0.35	0.35	0.34	0.34			0.28	0.28	0.28	0.30	0.32	0.35
MEAN 0.30 0.31 0.30 0.24 0.24 0.24 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.24 0.37 0.37 0.30 0.30 0.30 0.30 0.30 0.30 0.30 <th< td=""><td>AC-FT</td><td>22</td><td>21</td><td>21</td><td>21</td><td>19</td><td>19</td><td>17</td><td>18</td><td>18</td><td>20</td><td>21</td><td>21</td></th<>	AC-FT	22	21	21	21	19	19	17	18	18	20	21	21
MAX 0.36 0.37 0.39 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	STATIST	rics of M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1985	- 2003	, BY WATER	YEAR (WY)				
MAX 0.36 0.37 0.39 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	MEAN	0.30	0.30	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0,30	0.30
(WY) 2002 2003 MIN 0.25 0.203 ANNUAL MEAN 0.36 0.36 0.37 Aug 28 0.39 Oct 22 2000 LOWEST DAILY MEAN 0.39 Jan 14 0.37 Aug 28 0.24 Jul 14 1985 ANNUAL SEVEN-DAY MINIMUM 0.34 Jun 26 0.28 Mar 28 0.24 </td <td></td>													
MIN 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25													
MY													
ANNUAL TOTAL 131.85 120.19 ANNUAL MEAN 0.36 0.33 0.30 HIGHEST ANNUAL MEAN 0.37 2002 LOWEST ANNUAL MEAN 0.39 Jan 14 0.37 Aug 28 0.39 Oct 22 2000 LOWEST DAILY MEAN 0.34 Jun 26 0.28 Mar 28 0.24 Jul 14 1985 ANNUAL SEVEN-DAY MINIMUM 0.34 Jun 26 0.28 Mar 28 0.24 Jul 14 1985 MAXIMUM PEAK FLOW 0.37 Aug 28 1.1 Apr 2 1989 MAXIMUM PEAK STAGE 1.01 Aug 28 1.44 Apr 2 1989 ANNUAL RUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 0.36 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.35													
ANNUAL MEAN 0.36 0.33 0.30	SUMMARY	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	ARS 1985 -	2003
ANNUAL MEAN 0.36 0.33 0.30	A MNITA T.	TOTAL.			121 0	5		120 1	۵				
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN 10.35 HIGHEST DAILY MEAN 10.39 Jan 14 10.37 Aug 28 10.39 Oct 22 2000 Company ANNUAL SEVEN-DAY MINIMUM 10.34 Jun 26 10.28 Mar 28 10.24 May 17 1987 MAXIMUM PEAK FLOW 10.37 Aug 28 10.24 May 17 1987 MAXIMUM PEAK STAGE 10.1 Aug 28 11.1 Apr 2 1989 ANNUAL SUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 10.35 10.35 10.35 10.36 10.37 10.38 10.38 10.38 10.39											0.3	3.0	
LOWEST ANNUAL MEAN			MEAN										2002
HIGHEST DAILY MEAN 0.39 Jan 14 0.37 Aug 28 0.39 Oct 22 2000 LOWEST DAILY MEAN 0.34 Jun 26 0.28 Mar 28 0.24 Jul 14 1985 ANNUAL SEVEN-DAY MINIMUM 0.34 Jun 26 0.28 Mar 28 0.24 May 17 1987 MAXIMUM PEAK FLOW 0.37 Aug 28 1.1 Apr 2 1989 MAXIMUM PEAK STAGE 1.01 Aug 28 1.44 Apr 2 1989 ANNUAL RUNOFF (AC-FT) 262 238 218 18 10 PERCENT EXCREDS 0.38 0.35 0.35 0.25 0.29											0.2	25	1987
LOWEST DAILY MEAN 0.34 Jun 26 0.28 Mar 28 0.24 Jul 14 1985 ANNUAL SEVEN-DAY MINIMUM 0.34 Jun 26 0.28 Mar 28 0.24 May 17 1987 MAXIMUM PEAK FLOW 0.37 Aug 28 1.1 Apr 2 1989 MAXIMUM PEAK STAGE 1.01 Aug 28 1.44 Apr 2 1989 ANNUAL RUNOFF (AC-FT) 262 238 218 218 10 PERCENT EXCEEDS 0.38 0.35 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.29 0.29					0.3	9 Jan 14		0.3	7 Aug 28				
MAXIMUM PEAK FLOW 0.37 Aug 28 1.1 Apr 2 1989 MAXIMUM PEAK STAGE 1.01 Aug 28 1.44 Apr 2 1989 ANNUAL RUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 0.38 0.35 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.29	LOWEST	DAILY ME.	AN		0.3	4 Jun 26					0.2	24 Jul 14	1985
MAXIMUM PEAK STAGE 1.01 Aug 28 1.44 Apr 2 1989 ANNUAL RUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 0.38 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.29	ANNUAL	SEVEN-DA	Y MINIMUM		0.3	4 Jun 26		0.2	88 Mar 28		0.2	24 May 17	1987
ANNUAL RUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 0.38 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.29	MAXIMUM	M PEAK FL	OW					0.3	7 Aug 28				
ANNUAL RUNOFF (AC-FT) 262 238 218 10 PERCENT EXCEEDS 0.38 0.35 0.35 50 PERCENT EXCEEDS 0.36 0.34 0.29	MAXIMUM	M PEAK ST.	AGE					1.0	1 Aug 28		1.4	4 Apr 2	1989
50 PERCENT EXCEEDS 0.36 0.34 0.29	ANNUAL	RUNOFF (AC-FT)		262			238					
	10 PERC	CENT EXCE	EDS		0.3	8		0.3	15		0.3	35	
90 PERCENT EXCEEDS 0.35 0.30 0.25													
	90 PERC	CENT EXCE	EDS		0.3	5		0.3	3 0		0.2	25	

e Estimated

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV

 $LOCATION.-Lat\ 36^{\circ}14'35", long\ 115^{\circ}09'24", in\ SW\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec.04, T.20\ S., R.61\ E., Clark\ County, Hydrologic\ Unit\ 15010015, on\ downstream\ side\ of\ concrete\ box\ culvert\ on\ Camino\ Al\ Norte\ Road,\ 0.3\ mi\ northeast\ of\ Craig\ Road,\ and\ 3.8\ mi\ north\ of\ North\ Las\ Vegas.$

DRAINAGE AREA.--113.06 mi².

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,060 ft above NGVD of 1929, from topographic map. Prior to October 1, 1995 at datum 9.0 ft lower.

REMARKS.-- Records good. See schematic diagram of Colorado River Basin.

 $EXTREMES FOR PERIOD OF RECORD. -- Maximum discharge, 644 \, ft^3 \hspace{0.5cm} s, August \, 9, 1997, gage \, height, 10.33 \, ft, maximum gage \, height, 11.55 \, ft, \\ July \, 8, \, 1999; \, no \, flow \, many \, days. \, Maximum \, daily \, precipitation, \, 1.32 \, inches, \, July \, 8, \, 1999. \\$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 286 ft³/s, August 19, gage height, 10.71 ft; no flow many days. Maximum daily precipitation, 0.68 inches, February 12.

prec	лрианоп,	0.06 menes	, i coruary	12.								
		DI	SCHARGE,	CUBIC FEET		OND, WATER DAILY MEAN		OBER 2002	TO SE	PTEMBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.02	0.11	0.07	0.00	0.04	0.00	0.03	0.00	0.00	0.06	0.54
2	0.03	0.00	0.01	0.07	0.00	0.03	0.00	0.05	0.02	0.01	0.03	0.43
3	0.01	0.00	0.04	0.09	0.05	0.00	0.00	0.00	0.03	0.01	0.02	0.56
4	0.00	0.00	0.00	0.17	0.05	0.00	0.00	0.00	0.03	0.01	0.02	0.73
5	0.00	0.00	0.00	0.17	0.05	0.00	0.00	0.01	0.03	0.01	0.02	0.73
6	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.03	0.02	0.02	0.02	0.49
7	0.02	0.01	0.01	0.05	0.05	0.00	0.01	0.05	0.00	0.02	0.02	0.38
8	0.02	0.03	0.00	0.22	0.03	0.00	0.00	0.05	0.00	0.00	0.02	0.13
9	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.04	0.02	0.00	0.02	0.27
10	0.00	0.01	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.29
11	0.01	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.41
12	0.00	0.02	0.00	0.01	8.1	0.00	0.01	0.03	0.00	0.00	0.02	0.45
13	0.01	0.00	0.01	0.00	13	0.02	0.00	0.05	0.00	0.00	0.03	0.35
14	0.00	0.00	0.00	0.04	0.02	0.01	1.2	0.02	0.00	0.01	0.03	0.16
15	0.01	0.00	0.00	0.00	0.02	0.00	4.0	0.02	0.00	0.01	0.03	0.10
15	0.01	0.01	0.00	0.00	0.00	0.00	4.0	0.00	0.00	0.01	0.04	0.27
16	0.00	0.00	0.01	0.00	0.00	0.53	0.01	0.00	0.01	0.04	0.22	0.13
17	0.02	0.00	0.03	0.00	0.00	0.04	0.00	0.00	e0.00	0.07	0.35	0.25
18	0.01	0.00	0.00	0.01	0.00	0.03	0.18	0.00	e0.00	0.07	0.01	0.42
19	0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.00	e0.00	2.9	45	0.04
20	0.01	0.00	0.01	0.00	0.04	0.00	0.00	0.00	e0.00	0.03	41	0.30
21	0.03	0.01	0.07	0.01	0.01	0.00	0.00	0.00	e0.00	0.02	1.2	0.13
22	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	e0.00	0.01	0.62	0.13
23	0.04	0.03	0.00	0.00	0.00	0.01	0.00	0.01	e0.00	0.02	0.62	0.22
24	0.02	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.59	0.50
25	0.02	0.00	0.00	0.01	4.7	0.00	0.14	0.00	0.00	1.1	0.59	0.42
25	0.01	0.00	0.00	0.01	4.7	0.00	0.14	0.00	0.00	1.1	0.55	0.42
26	0.10	0.02	0.00	0.00	18	0.00	0.07	0.00	0.00	0.05	0.80	0.40
27	0.12	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.03	0.74	0.43
28	0.01	0.01	0.00	0.01	0.04	0.01	0.00	0.02	0.00	0.02	0.59	0.39
29	0.03	0.00	0.00	0.01		0.00	0.00	0.01	0.00	0.03	0.61	0.44
30	0.02	0.49	0.00	0.00		0.01	0.00	0.01	0.00	0.23	0.57	0.46
31	0.02		0.00	0.00		0.00		0.01		0.21	0.56	
TOTAL	0.59	0.67	0.33	0.86	44.37	0.74	5.65	0.44	0.14	5.05	94.46	10.71
MEAN	0.019	0.022	0.011	0.028	1.58	0.024	0.19	0.014	0.005	0.16	3.05	0.36
MAX	0.12	0.022	0.011	0.028	1.56	0.024	4.0	0.014	0.003	2.9	45	0.36
	0.12		0.11		0.00	0.00	0.00	0.05	0.03	0.00		
MIN		0.00		0.00							0.01	0.04
AC-FT	1.2	1.3	0.7	1.7	88	1.5	11	0.9	0.3	10	187	21
t	0.24	0.24	0.00	0.00	1.52	0.16	0.44	0.00	0.00	0.28	0.24	0.00
STATIST	rics of M	ONTHLY MEA	AN DATA F	OR WATER Y	EARS 1992	- 2003, E	BY WATER	YEAR (WY)				
MEAN	0.16	0.30	0.35	0.75	3.78	0.95	0.87	0.50	0.26	2.10	1.13	1.23
MAX	0.62	2.89	1.79	5.47	16.1	7.21	5.69	4.44	1.09	17.6	5.75	7.79
(WY)	2001	1997	1995	1995	1998	1998	1997	1997	1997	1999	2000	1998
MIN	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.012	0.000
(WY)	1992	1993	1994	1994	1999	1993	1992	1993	1993	1993	1993	1993
SUMMARY	STATIST	ICS	FOR	2002 CALENI	DAR YEAR	FOR	2003 WA	TER YEAR		WATER YEAR	S 1992	- 2003
ANNUAL	TOTAL			9.00			164.01					
ANNUAL	MEAN			0.025	5		0.45			1.10		
HIGHEST	C ANNUAL	MEAN								2.79		1998
LOWEST	ANNUAL M	EAN								0.04		2002
HIGHEST	DAILY M	EAN		0.52	Sep 11		45	Aug 19		290		9 1999
LOWEST	DAILY ME	AN		0.00	Sep 11 Jan 4		0.00	Oct 1		0.00	Oct	1 1991
		Y MINIMUM			Jan 14			Dec 23				1 1991
	M PEAK FL							Aug 19		644		
	1 PEAK ST							Aug 19		11.55		
	RUNOFF (18			325			796		
	CENT EXCE			0.04			0.41			0.38		
	CENT EXCE			0.02			0.41			0.00		
	CENT EXCE			0.02			0.01			0.00		
20 11110	D41(E			0.00			0.00			0.00		

e Estimated

[†] Precipitation total, in inches

094196557 LAS VEGAS CREEK AT MEADOWS DETENTION BASIN AT LAS VEGAS, NV

LOCATION.--Lat 36°10'30", long 115°10'50", in SE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.29, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank upstream of box culvert, 0.1 mi. downstream of Las Vegas Valley Water District reservoir, and 0.4 mi east of intersection of U.S. Highway 95 and Rancho Boulevard.

DRAINAGE AREA.--6.57 mi².

Estimated

† Precipitation total, in inches

PERIOD OF RECORD.--March 1989 to March 2002, February, 2003 to current year. Gage temporarily discontinued due to rehabilitation project on detention basin. Records prior to October 1993 not published but are available in files of U.S. Geological Survey.

REVISED RECORDS .-- WDR NV-99-1: 1996-98 (m).

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,100 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor . See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 195 ft³/ s, July 15, 1996, gage height, 11.44 ft; maximum gage height, 11.76 ft., June 10, 1990; minimum daily, 0.02 ft³/ s, many days November 1997 to February 1998. Maximum daily precipitation, 1.72 inches, February 8, 1993

EXTREMES FOR CURRENT YEAR.--Maximum discharge 2.0 ft³/ s February 26 and August 26, gage height, 10.24 ft; minimum daily, 0.22 ft³/s, April 22-23. Maximum daily precipitation, 0.72 inches, February 25.

		DISC	HARGE, CUI	BIC FEET P		WATER YEA Y MEAN VAI	AR OCTOBER	2002 TO S	SEPTEMBER :	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					e0.37	0.28	0.23	0.26	0.33	0.43	e0.52	0.49
2					e0.37		0.23				e0.48	
3					e0.31						e0.47	
4					e0.37	0.23	0.23	0.26	0.43	0.49	e0.47	0.55
5					e0.36	0.23	0.23	0.28	0.39	0.50	0.51	0.51
6					e0.30	0.23 0.23 0.23	0.23	0.29	0.36	0.49	0.49	0.49
7					e0.38	0.23	0.23	0.28	0.37	0.50	0.48	0.48
8					e0.30	0.23	0.23	0.27	0.38	0.49	0.50	0.48
9					e0.35	0.23	0.23	0.30	0.37	0.47	0.50	
10					e0.39	0.23	0.23	0.29	0.37	0.50	0.51	e0.48
11					0.31			0.29	0.35	0.50	0.51	
12					0.40	0.24		0.29	0.35	0.50	0.50	0.58
13					0.41	0.23		0.29	0.37	0.51	0.50	0.49
14					0.31		e0.44	0.28	0.37	0.51	0.51	0.48
15					0.30	0.23	e0.50	0.29	0.37	0.51	0.50	0.46
16					0.28	0.41	e0.23	0.30	0.37		0.52	
17					0.28	0.24	e0.23	0.30	0.37		0.64	
18					0.28		e0.23			0.48		
19					0.26		e0.23			0.57	0.49	0.48
20					0.32	0.23	e0.23	0.32	0.39	0.49	0.64	0.47
21					0.26	0.23	e0.23	0.29	0.38	0.50	0.48	0.47
22					0.26	0.23	0.22		0.38	0.50	0.48	0.58
23					0.25					0.50	0.49	
24					0.25					0.52		
25					0.34	0.23				0.60	0.49	
26					0.32	0.23	0.24	0.31	0.42	0.50	0.70	0.47
27					0.24	0.23	0.24	0.32	0.43	0.49	0.52	0.45
28					0.33	0.23	0.24	0.32	0.42	0.50	0.48	0.44
29						0.23		0.32		0.49	0.48	0.45
30							0.26				0.49	
31						0.23		0.32		e0.60	0.49	
TOTAL					9 9 N	7 40	7.45	0 22	11 64	15 56	15 90	14.65
MEAN					0.50		0.25			0.50		
MAX					0.41				0.43	0.60	0.70	0.58
MIN					0.24	0.23	0.22	0.25	0.33	0.43	0.47	0.44
AC-FT					18	15	15	18	23	31	31	29
t					2.18		0.56			0.27	0.20	0.04
STATIST	TICS OF M	ONTHLY MEA	N DATA F	OR WATER	YEARS 198	9 - 2003,	BY WATER	YEAR (WY	.)			
MEAN	0.50	0.53	0.49	0.73	1.13	0.85	0.61	0.89	0.90	1.16	0.90	0.85
MAX	1.35	1.43	2.01	4.46	3.64	2.15	1.79	3.16	2.63	6.17	2.97	3.43
(WY)	1994	1007	1005	1995	2001	1992	1996	1997	1997	1999	1997	1997
MIN	0.080	0.073	0.11		0.10	0.15	0.20	0.19	0.17	0.14	0.30	0.21
(WY)		2001				1999	1992	1999	1992	1992	1992	2000
SUMMAR	Y STATIST	ICS		WATER YE	ARS 1989	- 2003						
ANNUAL	MEAN			0.	83							
HIGHEST	T ANNUAL	MEAN		1.	41	1997						
LOWEST	ANNUAL M	EAN		0.	3 8	1991						
HIGHEST	T DAILY M	EAN		73	Jul	9 1999						
LOWEST	DAILY ME	AN		0.	02 Nov 2	8 1997						
		Y MINIMUM		0.	02 Nov 2							
	M PEAK FL			195		5 1996						
	M PEAK ST				76 Jun 1							
	RUNOFF (603								
	CENT EXCE			1.	4							
	CENT EXCE			0.	31							
90 PER	CENT EXCE	EDS		0.	10							

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV

 $LOCATION.-Lat\ 36^{\circ}08'47",\ long\ 115^{\circ}03'07",\ in\ SW\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec.4,\ T.21\ S.,\ R.62\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010015,\ on\ south\ side\ of\ golf\ cart\ bridge,\ 1,200\ ft\ south\ at\ Sahara\ Avenue\ and\ 0.5\ mi\ east\ of\ Nellis\ Boulevard.$

DRAINAGE AREA.--1,146 mi².

PERIOD OF RECORD.--March 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.01 inch increment. Elevation of gage is 1,715 ft above NGVD of 1929, from topographic map. Prior to October 14, 1994, at site 1,200 ft upstream at same datum.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,100 ft³/ s, July 8, 1999, gage height, 13.69 ft; no flow many days, some years. Maximum daily precipitation, 1.56 inches, June 10, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,640 ft³/s, February 26, gage height, 11.52 ft; minimum daily, 1.40 ft³/s, September 15, 16. Maximum daily precipitation, 0.48 inches, February 25.

		DISC	CHARGE, CU	BIC FEET		WATER Y		R 2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	2.8	86	3.6	2.7	4.6	6.9	4.9	4.1	4.2	4.5	3.9
2	7.0	2.8	4.0	3.6	3.0	4.2	6.2	5.2	4.3	4.2	4.2	20
3	7.6	3.0	3.8	3.6	2.3	4.0	5.1	5.5	4.3	4.2	4.2	4.1
4	4.1	3.0	3.8	3.6	1.7	4.0	5.5	5.5	4.2	4.2	4.2	11
5	4.3	2.8	3.4	3.6	1.6	4.0	5.5	5.7	4.2	4.3	4.2	5.7
6	4.3	2.5	e3.5	3.6	1.6	4.0	5.5	6.4	4.2	4.2	4.2	3.9
7	4.4	2.9	e3.5	3.6	1.6	4.0	5.3	5.8	4.2	4.2	3.7	3.9
8	4.8	3.6	e3.5	3.6	1.8	4.0	4.7	5.6	4.2	4.2	3.6	3.9
9 10	4.8	2.8	e3.5 3.6	e4.9 e3.6	1.8 1.9	4.0	4.7 4.8	5.0 4.9	4.2	4.2 4.2	3.6 3.6	3.3 1.9
10	1.0	2.0	3.0	03.0	2.5	1.0	1.0	1.5			3.0	2.5
11	4.0	2.1	3.2	e3.6	1.9	3.9	4.7	4.6	4.2	4.2	3.6	1.5
12	4.3	2.9	3.0	3.6	271	4.0	4.6	4.6	4.2	4.2	3.6	2.6
13 14	4.1 4.3	3.0 2.5	3.1	3.1	203	4.7	4.4 23	4.8 5.1	4.2	4.2 4.2	3.6	2.6 1.5
15	4.3	2.5	3.1	3.1	2.1	4.8	168	4.5	4.2	4.2	3.6	1.4
15	4.7	2.0	3.2	3.1	2.0	5.5	100	4.5	4.2	4.2	3.7	1.4
16	4.8	2.9	3.3	2.6	1.8	62	5.0	4.5	4.2	4.5	e50	1.4
17	4.8	2.9	e3.4	2.3	e1.8	17	4.8	4.6	4.2	4.3	e20	1.9
18 19	3.5 4.6	2.9 3.1	e3.4 3.6	2.2	e1.8 e1.8	7.1	4.7 7.9	4.7	4.2	4.1 47	4.1 e150	3.9 4.0
20	4.0	3.1	3.6	2.0	e1.8	4.5	4.4	3.8	4.2	4.3	e350	4.0
20	1.0	3.2	3.0	2.0	C1.0	4.5	1.1	3.0	1.2	1.5	6330	1.2
21	5.0	3.1	4.8	1.9	e1.8	4.5	4.4	3.1	4.2	4.2	e50	4.4
22	5.1	3.4	29	2.1	e1.8	4.7	4.3	3.5	4.2	4.2	e10	4.5
23 24	5.3 5.7	3.6 3.4	15 7.4	1.8	e1.8 9.9	5.1	4.2	3.7 3.8	4.3	4.2	3.4	5.1 4.0
25	6.7	3.4	4.3	1.6	130	5.2	4.1	3.6	4.3	5.6	3.6	3.9
26 27	24 29	3.2	3.7	1.7	362	5.1 5.5	5.2	3.0	4.3	4.5	16 15	4.2
28	12	3.3	3.6 3.6	1.6 1.9	7.2 122	5.3	4.4	3.1	4.3	4.3	3.9	4.9
29	7.1	3.4	3.6	2.1		5.8	4.5	3.5	4.3	4.2	3.9	3.9
30	4.8	23	3.6	2.6		5.9	4.6	3.8	4.3	4.2	3.9	3.9
31	3.4		3.6	2.6		6.5		3.9		5.5	3.9	
TOTAL	200.9	109.7	233.7	86.8	1145.5	218.4	329.9	138.4	126.9	176.8	749.4	129.3
MEAN	6.48	3.66	7.54	2.80	40.9	7.05	11.0	4.46	4.23	5.70	24.2	4.31
MAX	29	23	86	4.9	362	62	168	6.4	4.3	47	350	20
MIN	3.4	2.1	3.0	1.6	1.6	3.9	4.1	3.0	4.1	4.1	3.4	1.4
AC-FT	398	218	464	172	2270	433	654	275	252	351	1490	256
t	0.36	0.17	0.00	0.05	1.78	0.21	0.42	0.00	0.00	0.17	0.11	0.23
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1988	- 2003	3, BY WATE	R YEAR (WY)			
MEAN	3.32	3.39	3.87	7.79	18.1	7.85	4.19	3.51	3.71	7.12	7.56	7.05
MAX	13.0	9.11	14.5	50.0	61.6	44.0	13.4	6.16	12.9	59.0	24.2	41.9
(WY)	1993	1997	1993	1995	2001	1992	1999	1989	1990	1999	2003	1997
MIN	0.73	0.18	0.016	0.000	0.77	0.94	0.85	1.33	0.74	0.74	1.01	0.96
(WY)	1990	1996	1996	1991	1996	1990	1996	1990	1989	1989	1992	1992
SUMMARY	Y STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003	WATER YEAR		WATER YE.	ARS 1988	- 2003
ANNUAL	TOTAL			1754.	11		3645.	7				
ANNUAL				4.8	31		9.	99		6.		
	r Annual									12.		1998
	ANNUAL M DAILY M			9.6	Dec 1		362	Feb 26		1.	Jul :	1996
	DAILY ME				21 Mar 2			4 Sep 15			00 Dec 2:	
		Y MINIMUM			Jan 1			7 Feb 4			00 Dec 2	
	M PEAK FL							Feb 26		8100		3 1999
	M PEAK ST						11.	52 Feb 26			27 Jun 1	
	PUNCEE (2400			7020				00 Mar :	2 2002
	RUNOFF (CENT EXCE			3480 6.3			7230 6.			4720 6.		
	CENT EXCE			4.0			4.			2.		
	CENT EXCE			3.0			2.			0.		

e Estimated

[†] Precipitation total, in inches

09419659 SLOAN CHANNEL TRIBUTARY AT LAS VEGAS BOULEVARD NEAR NORTH LAS VEGAS, NV

 $LOCATION.--Lat\ 36^{\circ}13'46", long\ 115^{\circ}04'45", in\ SE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.08, T.20\ S., R.62\ E., Clark\ County, Hydrologic\ Unit\ 15010015, on\ downstream\ side\ of\ concrete\ box\ culvert\ on\ Las\ Vegas\ Boulevard,\ 0.25\ mi\ east\ of\ Lamb\ Boulevard,\ and\ 3.2\ mi\ northeast\ of\ North\ Las\ Vegas.$

DRAINAGE AREA.--17.51 mi².

PERIOD OF RECORD .-- January 1988 to current year.

REVISED RECORDS.--WDR NV-98-1: 1994(M).

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,850.03 ft above NAVD88.

REMARKS.--Records good. See schematic diagram of Colorado River Basin. Records prior to 1994 water year were not published but are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 920 ft³/years. Maximum daily precipitation, 1.92 inches, September 11, 1998. s, September 11, 1998, gage height, 15.34 ft; no flow most days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 40 ft³/ s, February 28, gage height 10.60 ft; no flow most days. Maximum daily precipitation, 0.68 inches, February 28.

·	•	DISC	HARGE, C	UBIC FEET	PER SECOND,	WATER Y Y MEAN V		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	e0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	4.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 30	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.00	0.00		0.00		0.00		0.00	0.00	
moma r	0.00	0.00	0.00	0.00	4.73	0.00	0 61	0.00	0.00	2.80	0.60	0.00
TOTAL MEAN	0.00	0.000	0.000	0.000	0.17	0.000	0.61 0.020	0.000	0.000	0.090	0.68 0.022	0.000
MAX	0.00	0.00	0.00	0.00	4.7	0.00	0.35	0.00	0.00	2.8	0.68	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	9.4	0.00	1.2	0.00	0.00	5.6	1.3	0.00
†	0.28	0.16	0.04	0.04	2.28	0.56	0.48	0.00	0.00	0.28	0.36	0.00
STATIST	rics of M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1988	3 - 2003	, BY WATER	YEAR (W	Y)			
MEAN	0.007	0.001	0.017	0.016	0.18	0.14	0.001	0.012	0.010	0.085	0.093	0.16
MAX	0.097	0.013	0.23	0.14	0.80	1.30	0.020	0.19	0.11	1.05	0.67	2.22
(WY)	1993	1997	1992	1995	1998	1992	2003	1989	1990	1999	1997	1998
MIN (WY)	0.000 1989	0.000 1989	0.000 1989	0.000 1989	0.000 1988	0.000 1988	0.000 1988	0.000 1988	0.000 1988	0.000 1988	0.000 1988	0.000 1988
SUMMARY	/ STATIST	'ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W	ATER YEA	R	WATER YE	ARS 1988 -	2003
ANNUAL					00		8.8					
ANNUAL		M = 2 27		0.	000		0.0	24			063	1000
	C ANNUAL										26 000	1998
	ANNUAL M DAILY M			0	00 Jan 1		4 7	Feb 2	8		Sep 11	
	DAILY ME				00 Jan 1			0 Oct			00 Jan 26	
		Y MINIMUM			00 Jan 1			0 Oct			00 Jan 26	
	M PEAK FL							Feb 2		920	Sep 11	1998
	M PEAK ST							0 Feb 2	8		34 Sep 11	1998
	RUNOFF (0.			17			46		
	CENT EXCE			0.			0.0			0.0		
	CENT EXCE			0.			0.0			0.0		
90 PERC	CENT EXCE	פחםי		0.	0 0		0.0	U		0.0	J U	

e Estimated

[†] Precipitation total, in inches

09419665 SLOAN CHANNEL AT CHARLESTON BOULEVARD NEAR LAS VEGAS, NV

 $LOCATION.-Lat\ 36^{\circ}09'35",\ long\ 115^{\circ}02'40",\ in\ SE\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec. 33,\ T.20\ S.,\ R.62\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010015,\ on\ upstream\ side\ of\ box\ culvert\ on\ Charleston\ Boulevard,\ and\ 1.0\ mi\ east\ of\ Nellis\ Boulevard.$

DRAINAGE AREA.--144 mi².

PERIOD OF RECORD .-- October 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair above 10 ft³/s, and poor below. Prior to May 24, 2001 flows below 50 ft³/s not recorded by gage. After May 24, 2001 all flows recorded by gage. Estimated daily discharges during periods of base flow are only an indication of some small amount of flow at site. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft 3 / s, September 11, 1998, gage height, 11.41 ft; no flow at times, most years. Maximum daily precipitation, 1.72 inches, February 8, 1993.

EXTREMES FOR CURRENT YEAR.—Maximum discharge, 245 ft³/s, February 12, gage height, 10.69 ft; minimum daily, 0.04 ft³/s, July 6, 28. Maximum daily precipitation, 0.68 inches, February 25.

		DI	SCHARGE,	CUBIC FEET		OND, WATER DAILY MEAN		OBER 2002	TO SE	PTEMBER 200	3	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	0.24	0.31	0.63	0.48	0.90	0.68	0.31	0.22	0.13	e0.05	0.12
2	4.7	0.28	0.33	0.68	0.46	0.26	0.89	0.32	0.20	0.12	e0.05	2.6
3	0.13	0.25	0.27	0.67	0.48	0.30	1.0	0.34	0.21	0.12	e0.05	e0.05
4	0.12	0.25	0.29	0.71	0.49	0.34	1.1	0.42	0.21	0.06	e0.05	0.05
5	0.11	0.25	0.30	0.72	0.48	0.26	0.95	0.58	0.20	0.05	e0.05	0.05
6	0.10	0.26	0.30	0.57	0.41	0.25	1.0	0.51	0.22	0.04	e0.05	0.05
7	0.11	0.30	0.30	0.64	0.28	0.26	0.97	0.46	0.12	0.21	e0.05	0.06
8	0.12	0.32	0.45	1.2	0.32	0.24	0.97	0.61	0.12	0.31	e0.05	0.08
9	0.19	0.33	0.48	0.58	0.32	0.24	0.91	0.68	0.17	0.44	e0.05	0.09
10	0.20	0.38	0.48	0.64	0.28	0.25	1.1	0.66	0.37	0.41	e0.05	0.06
11	0.24	0.22	0.52	0.67	0.21	0.27	1.1	0.57	0.42	0.41	e0.05	0.05
12	0.20	0.15	0.45	0.70	22	0.29	1.0	0.54	0.21	0.99	e0.05	0.07
13	0.19	0.16	0.47	0.66	12	0.30	1.1	0.53	0.19	1.4	0.05	0.10
14	0.16	0.20	0.74	0.66	0.20	0.33	7.9	0.59	0.21	1.0	0.07	0.12
15	0.16	0.20	0.91	0.66	0.19	0.63	13	0.52	0.55	0.29	0.40	0.12
16	0.12	0.20	0.66	0.69	0.20	5.0	0.23	0.49	0.58	0.28	8.3	0.26
17	0.28	0.21	0.71	0.69	0.19	16	0.24	0.50	0.48	1.9	e0.05	0.17
18	0.42	0.21	0.65	0.73	0.17	1.0	0.23	0.42	0.22	1.4	e0.05	0.18
19	0.40	0.21	0.66	0.66	0.19	0.32	0.20	0.40	0.16	20	0.05	0.16
20	0.40	0.19	0.64	0.65	0.18	0.38	0.21	0.38	0.15	e0.05	0.06	0.13
21	0.41	0.21	0.65	0.67	0.19	0.47	0.21	0.32	0.13	e0.05	0.06	0.12
22	0.54	0.20	0.61	0.60	0.17	0.40	0.26	0.28	0.11	e0.05	0.06	0.13
23	0.50	0.34	0.63	0.53	0.20	0.42	0.20	0.32	0.16	e0.05	0.06	0.13
24	0.55	0.35	0.62	0.48	0.21	0.43	0.26	0.31	0.21	e0.05	0.05	0.12
25	0.46	0.22	0.63	0.45	16	0.42	0.32	0.33	0.87	e0.05	0.11	0.13
26	7.6	0.23	0.64	0.45	34	0.52	0.25	0.32	0.35	e0.05	0.41	0.17
27	2.3	0.36	0.65	0.45	0.37	0.62	0.29	0.32	0.18	0.05	0.38	0.12
28	0.25	0.26	0.63	0.46	58	0.65	0.32	0.28	0.09	0.04	0.20	0.12
29	0.33	0.29	0.63	0.45		0.66	0.31	0.25	0.15	0.05	0.10	0.12
30	0.28	5.6	0.63	0.45		0.65	0.31	0.30	0.16	e0.05	0.09	0.12
31	0.21		0.64	0.45		0.66		0.30		4.5	0.10	
TOTAL	24.88	12.87	16.88	19.25	148.67	33.72	37.51	13.16	7.62	34.60	11.25	5.85
MEAN	0.80	0.43	0.54	0.62	5.31	1.09	1.25	0.42	0.25	1.12	0.36	0.20
MAX	7.6	5.6	0.91	1.2	58	16	13	0.68	0.87	20	8.3	2.6
MIN	0.10	0.15	0.27	0.45	0.17	0.24	0.20	0.25	0.09	0.04	0.05	0.05
AC-FT	49	26	33	38	295	67	74	26	15	69	22	12
t	0.40	0.16	0.00	0.04	2.36	0.52	0.56	0.00	0.00	0.48	0.12	0.40
STATIST	rics of M	ONTHLY MEA	AN DATA F	FOR WATER Y	EARS 1988	- 2003, E	BY WATER	YEAR (WY)				
MEAN	0.29	0.17	0.095	0.26	1.54	0.33	0.10	0.085	0.25	0.53	0.51	0.57
MAX	2.39	1.15	0.54	1.97	5.31	2.73	1.25	0.42	1.43	2.43	2.58	7.59
(WY)	1993	1992	2003	1992	2003	1992	2003	2003	1990	1998	1997	1998
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1989	1989	1989	1990	1989	1988	1988	1988	1988	1988	1990	1988
SUMMARY	Y STATIST	'ICS	FOR	2002 CALEN	DAR YEAR	FOF	2003 WA	TER YEAR		WATER YEAR	RS 1988 -	2003
ANNUAL	TOTAL			113.39			366.26					
ANNUAL	MEAN			0.31			1.00			0.40)	
HIGHEST	r annual	MEAN								1.46		1998
LOWEST	ANNUAL M	IEAN								0.00	0.0	1996
HIGHEST	r daily m	IEAN			Sep 11		58	Feb 28			Sep 11	
	DAILY ME				Jul 12			Jul 6			Mar 1	
		Y MINIMUM		0.04	Jul 24			Jul 22			Mar 1	
	M PEAK FL							Feb 12		1230		
	M PEAK ST							Feb 12			2 Aug 9	1997
	RUNOFF (225			726			290		
	CENT EXCE			0.41			0.91			0.25		
	CENT EXCE			0.22			0.30			0.00		
90 PER	CENT EXCE	EDS		0.10			0.06			0.00	J	

e Estimated

[†] Precipitation total, in inches

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV

LOCATION.--Lat $36^{\circ}06'10''$, long $115^{\circ}12'25''$, in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.24, T.21 S., R.60 E., Clark County, Hydrologic Unit 15010015, on upstream middle concrete box culvert on Decatur Boulevard, and 0.1 mi north of Tropicana Avenue.

DRAINAGE AREA.--100.57 mi².

PERIOD OF RECORD.--August 1983 to August 1983, October 1990, operated as miscellaneous and partial record site, October 1992 to current year. Records prior to February 1992 not published but are available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,233.40 ft above NAVD88. REMARKS.--No estimated daily discharge. Records good. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,760 ft³/ s, August 10, 1983, gage height, 21.76 ft; no flow most of time. Maximum daily precipitation, 1.52 inches, February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,620 ft³/s, February 13, gage height, 14.32 ft; no flow most days. Maximum daily precipitation, 0.83 inches, February 12.

1		DISC	CHARGE, CU	BIC FEET	PER SECOND,	WATER YI Y MEAN V		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.86	0.00	0.00	3.5	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.03	0.00	0.00	3.2	0.00	0.00	0.00	0.00	0.00	0.33
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.49	0.00	0.69	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	1.2	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	5.0	0.00	0.00	0.00	0.01	4.0	0.00
17	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	2.4	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.1	0.00
20	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.68	0.00
21	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	9.6	0.00	0.00	0.00	0.00	0.44	0.00	0.00
23	0.00	0.00	0.00	0.00	9.0			0.00	0.00	0.44	0.00	0.00
26	1.2	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	1.1	0.00
27	1.6	0.00	0.00	0.00	3.9	0.00	0.00	0.00	0.00	0.00	0.14	0.00
28	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	1.8	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.00	0.00		0.00		0.00		1.2	0.00	
TOTAL	2.80	1.80	2.00	0.13	162.03	11.91	1.89	0.00	0.00	1.65	13.42	0.56
MEAN	0.090	0.060	0.065	0.004	5.79	0.38	0.063	0.000	0.000	0.053	0.43	0.019
MAX	1.6	1.8	0.86	0.13	106	5.0	1.2	0.00	0.00	1.2	5.1	0.33
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	5.6	3.6	4.0	0.3	321	24	3.7	0.00	0.00	3.3	27	1.1
†	0.16	0.12	0.02	0.02	2.47	0.24	0.27	0.00	0.00	0.33	0.48	0.08
STATIST	rics of Mo	ONTHLY ME	AN DATA F	OR WATER	YEARS 1992	2 - 2003	, BY WATER	YEAR (W	Υ)			
MEAN	0.17	0.23	0.26	0.72	2.47	0.88	0.19	0.024	0.054	1.29	0.51	0.85
MAX	0.77	2.02	1.61	5.33	7.74	7.90	2.13	0.23	0.27	11.8	1.97	6.49
(WY)	2001	1997	1995	1995	1993	1992	1999	1992	1999	1999	1997	1997
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1994	1993	1994	1994	1995	1993	1992	1993	1993	1992	1992	1992
SUMMARY	Z STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W	ATER YEA	R	WATER YE	ARS 1992 -	- 2003
ANNUAL				29.			198.1					
ANNUAL				0.	080		0.5	4		0.		
	r annual i											1999
	ANNUAL M										070	
	C DAILY M				5 Sep 11			Feb 1			Jul 8	
	DAILY ME				00 Jan 1			0 Oct			00 Feb 1	
ANNUAL	SEVEN-DA	Y MINIMUM		0.	00 Jan 1			0 Oct			00 Feb 20	
	M PEAK FLO							Feb 1			Aug 10	
	M PEAK STA							2 Feb 1	3	21.	76 Aug 10	1983
ANNUAL	RUNOFF (AC-FT)		58			393			422		
10 PERC	CENT EXCE	EDS		0.	0 0		0.0	0		0.	0 0	
50 PERC	CENT EXCE	EDS		0.	0 0		0.0	0		0.	00	
90 PERC	CENT EXCE	EDS		0.	0 0		0.0	0		0.	0 0	

[†] Precipitation total, in inches

094196781 FLAMINGO WASH AT NELLIS BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'32", long 115°03'55" (revised), in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.8, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on west side of concrete box culvert on Nellis Boulevard, and 0.25 mi north of Sahara Avenue.

DRAINAGE AREA.--215 mi².

PERIOD OF RECORD.--March 1988 to current year. Water year 1988-89 not published but are available in files of the U.S. Geological Survey. Computations of 1988 water year did not include daily base flow.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Colorado River Basin.

REVISIONS .-- WDR NV-96-1: 1995.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,600 ft³/ s, July 8, 1999, gage height, 15.43 ft, on basis of slope-area measurement of peak flow; maximum gage height, 15.90 ft, June 10, 1990; minimum daily, 1.4 ft³/ s, November 3, 1991 and May 12, 1998. Maximum daily precipitation, 1.52 inches, June 10, 1990 and February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,320 ft³/s, August 16, gage height, 12.92 ft; minimum daily, 5.2 ft³/s, December 25 to January 7. Maximum daily precipitation, 0.72 inches, February 25.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC JAN APR JUN JUL AUG SEP 32 5.2 14 11 e10 9.0 e9.0 2 15 15 15 5.2 6.2 10 11 e10 9.0 9.0 6.6 120 7.7 5.2 3 15 11 8.3 6.2 8.3 11 e10 9.0 9.0 6.5 5.2 15 11 8.8 6.1 8.3 11 e10 9.0 9.0 7.0 5.2 9.0 15 11 8.1 6.1 8.3 11 e10 9.0 6.5 7.0 6 15 11 8.1 5.2 6.1 8.3 11 e10 9.0 9.0 6.4 7.0 15 11 8.5 5.2 6.1 8.3 11 e10 9.0 8.9 6.6 e7.0 e7.0 15 11 9.6 5.4 6.1 8.3 12 e10 8.9 8.9 6.6 11 9.9 5.6 6.1 8.3 15 e10 8.3 8.9 6.6 e7.0 15 10 15 11 10 5.6 6.1 8.3 15 e10 8.3 8.9 e6.5 11 15 11 10 5.7 6.1 8.3 16 e10 8.3 9.0 6.9 6.7 12 13 11 11 5.6 113 7.9 20 e10 8.3 9.3 6.7 6.8 8.6 5.6 9.0 6.5 13 11 6.8 21 8.3 e6.8 11 18 e10 7.0 5.6 e10 9.0 e6.8 10 59 8.3 14 11 6.1 11 10 5.6 11 66 e10 8.3 e6.8 16 11 1.0 7.6 5.6 15 5.0 11 e10 8.3 12 59 e6.8 e6.0 17 11 10 7.3 5.6 15 17 10 e10 8.3 10 6.8 10 7.0 5.6 15 10 9.0 10 74 6.9 18 11 14 e10 10 5.6 10 e10 28 318 20 11 10 5.6 15 10 9.0 58 7.1 21 11 10 5.6 5.6 11 15 9.7 e10 9.1 6.8 6.2 7.0 22 11 10 5.6 5.6 11 14 9.6 e10 9.0 6.5 5.7 7.1 11 7.0 23 10 11 5.6 5.6 10 9.0 6.5 11 e10 24 10 10 e10 32 6.9 25 10 5.2 84 15 6.0 11 5.6 11 11 10 9.0 6.8 26 20 11 5.2 5.7 98 11 e10 10 e9.0 6.6 12 6.6 9.2 27 38 11 5.2 5.6 13 11 e10 10 e9.0 6.2 6.5 9.9 7.0 17 11 5.2 6.0 11 e10 e9.0 6.1 6.4 9.4 29 6.2 6.4 16 11 5.2 11 e10 e9.0 6.2 6.8 3.0 15 35 5.2 6.2 ---11 e10 9.1 e9.0 6.3 6.5 6.4 6.2 9.2 31 15 5.2 11 83 6.5 307.6 TOTAL 437 353 253.9 173.0 638.5 368.5 452.3 263.5 383.2 692.0 318.4 MEAN 11.8 8.19 5.58 22.8 11.9 15.1 9.92 8.78 12.4 22.3 113 318 MAX 38 35 32 6.2 50 66 10 9.1 83 120 MTN 1.0 1.0 5.2 5.2 6.1 6.1 9.6 9.1 8.3 6.1 5.7 6.4 700 1370 AC-FT 867 504 343 1270 731 897 610 523 760 632 0.32 0.16 0.04 2.24 0.36 0.60 0.00 0.00 0.32 0.16 0.20 0.00 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2003, BY WATER YEAR (WY) MEAN 8.22 7.90 8.54 9.85 9.45 6.21 9.35 14.0 6.94 6.34 11.6 8.60 15.2 11.8 21.1 40.1 35.9 38.7 15.1 9.92 12.7 56.2 22.3 29.4 MAX 2001 2003 1995 1995 1998 1992 2003 2003 1990 1999 2003 MIN 3.56 4.58 4.30 3.90 3.43 0.000 0.80 0.000 0.000 0.000 0.68 0.000 (WY) 1992 1990 1991 1999 1999 1988 1988 1988 1988 1988 1988 1988 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1988 - 2003 ANNUAL TOTAL 3227.5 4640.9 ANNUAL MEAN 8.84 12.7 9.21 HIGHEST ANNUAL MEAN 12.7 2003 LOWEST ANNUAL MEAN 5.57 1991 613 HIGHEST DAILY MEAN 38 Oct 27 318 Jul 8 Aug 19 1999 LOWEST DAILY MEAN 5.2 Dec 25 5.2 Dec 25 0.00 Mar 1 1988 ANNUAL SEVEN-DAY MINIMUM 5.2 Dec 25 0.00 5.2 Dec 25 Mar 1 1988 MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE 1520 Aug 19 5600 Jul 8 1999 11.66 Aug 19 15.90 Jun 10 1990 ANNUAL RUNOFF (AC-FT) 6400 9210 6680 10 PERCENT EXCEEDS 15 10 50 PERCENT EXCEEDS 8.3 9.0 6.6 90 PERCENT EXCEEDS 6 2 5.6 4 0

e Estimated
† Precipitation total, in inches

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'23", long 115°02'49", in SE 1 / $_4$ NE 1 / $_4$ sec.09, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, about 300 ft downstream from Flamingo Wash Confluence, 0.2 mi north of Vegas Valley Drive, and 0.3 mi south of Sahara Ave. DRAINAGE AREA.--1,352 mi 2 .

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water stage recorder. Elevation of gage is 1,710 ft above sea level, from topographic map.

REMARKS .-- No estimated daily discharges. Records good. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, July 8, 1999, gage height, 31.00 ft; minimum daily, 4.7 ft³/s, May 5, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,590 ft³/s, February 26, gage height, 22.18 ft; minimum daily, 6.4 ft³/s, July 13. Maximum daily precipitation, 0.34 inches, February 12.

		DISC	CHARGE, CU	BIC FEET	PER SECOND, DAILY	WATER YE. MEAN VA		2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	7.8	108	10	10	25	11	11	10	8.2	18	11
2	12	7.0	12	11	11	18	11	11	9.8	8.4	10	111
3	12	7.2	12	11	9.9	12	11	11	10	7.2	8.9	13
4	8.7	8.1	12	11	9.2	12	10	11	10	6.7	9.2	23
5	8.9	7.6	11	11	8.7	12	10	11	11	6.9	9.4	25
6	8.9	7.6	10	11	8.6	12	10	12	11	6.8	9.2	11
7	9.5	8.9	9.9	11	9.8	12	11	11	11	6.7	9.1	11
8	10	10	10	14	9.9	11	12	12	11	7.1	9.4	10
9	10	8.1	10	12	9.4	11	12	11	10	6.8	9.8	9.8
10	9.7	7.9	10	11	9.5	11	10	11	10	7.0	10	9.8
11	9.2	8.5	11	11	9.8	11	10	10	11	6.9	10	9.5
12	9.5	9.1	10	11	381	11	9.6	10	11	6.9	10	10
13	9.5	9.4	9.5	11	289	12	8.9	9.8	11	6.4	10	9.3
14	10	9.7	9.0	12	12	11	43	11	11	6.8	11	8.9
15	9.5	10	8.7	12	10	15	232	10	10	6.9	11	9.0
16	9.8	9.8	8.9	11	9.6	8 0	14	11	10	10	117	8.9
17	11	11	8.8	11	10	26	12	11	10	12	106	9.2
18	10	10	8.9	10	10	16	12	11	10	8.3	12	9.0
19	9.9	11	8.6	9.7	9.8	11	18	11	10	116	321	8.7
20	9.8	10	9.2	9.8	12	11	12	11	9.9	10	416	8.3
21	9.9	10	9.6	9.7	9.9	11	12	10	9.7	8.1	54	8.0
22	9.6	10	12	9.3	11	11	13	11	9.0	7.8	13	7.5
23	9.3	11	9.8	9.5	11	10	13	11	8.5	7.8	12	8.8
24	9.3	10	9.8	9.2	13	11	11	11	8.6	3 9	11	7.7
25	8.8	9.4	9.8	8.7	215	11	12	9.7	9.2	41	11	7.2
26	29	9.9	9.8	8.7	565	12	14	9.5	10	16	32	7.9
27	48	10	9.9	8.6	32	12	12	9.8	10	9.4	35	9.6
28	11	10	10	8.8	262	12	12	9.8	10	9.4	14	8.3
29	7.9	10	10	8.9		11	12	11	8.4	9.3	11	7.7
30	7.9	46	10	9.5		11	12	10	8.0	9.6	11	7.9
31	8.5		10	9.5		12		10		147	11	
TOTAL	355.0	315.0	408.2	321.9	1968.1	464	602.5	330.6	299.1	566.4	1342.0	406.0
MEAN	11.5	10.5	13.2	10.4	70.3	15.0	20.1	10.7	9.97	18.3	43.3	13.5
MAX	48	46	108	14	565	8 0	232	12	11	147	416	111
MIN	7.9	7.0	8.6	8.6	8.6	10	8.9	9.5	8.0	6.4	8.9	7.2
AC-FT	704	625	810	638	3900	920	1200	656	593	1120	2660	805
t	0.35	0.16	0.00	0.00	1.13	0.34	0.07	0.02	0.00	0.11	0.00	0.18
STATIST	TICS OF M	IONTHLY ME	AN DATA F	OR WATER	YEARS 1997	- 2003,	BY WATER	YEAR (WY)				
		40.5					40.4	0.65				
MEAN	13.1	13.5	10.6	12.0	49.5	16.3	13.1	9.67	10.6	30.4	23.2	28.0
MAX	23.9	30.0	13.2	25.3	116	37.5	22.7	10.8	12.3	111	43.3	73.0
(WY)	2001	1997	2003	2001	1998	1998	1999	2000	2000	1999	2003	1997
MIN (WY)	9.34 1998	9.85 1999	5.94 1998	7.18 1998	7.60 1997	8.00 1997	7.68 1997	6.33 1997	8.27 1997	10.7	9.62 2002	9.48
	Y STATIST				ENDAR YEAR		FOR 2003 WA				ARS 1997	
				2242	-							
ANNUAL				3840.			7378.8			10		
ANNUAL				10.	5		20.2			19.1		
	r Annual									27.1	2 5	1998
	ANNUAL M			100	D 1		5.65	H-1- 0.6				
	DAILY ME				Dec 1			Feb 26			Jul 7 May	
					Sep 4			Jul 13				
		Y MINIMUM		6.	6 Aug 31			Jul 9			9 Dec 2	
	M PEAK FL							Feb 26			Jul	
	M PEAK ST			E.CO.				Feb 26			00 Jul	B 1999
	RUNOFF (7620			14640			13820		
	CENT EXCE			11			14			15		
	CENT EXCE			10	0		10			10		
AO REK(CENT EXCE	EDS		7.	9		8.3			8.3	5	

[†] Precipitation total, in inches

$094196783 \ LAS \ VEGAS \ WASH \ BELOW \ FLAMINGO \ WASH \ CONFLUENCE \ NEAR \ LAS \ VEGAS, \ NV--Continued$ $WATER-QUALITY \ RECORDS$

PERIOD OF RECORD.--April 1993 to current year.

REMARKS.--In January 1997 an automatic sampler was re-installed and used to collect water-quality data as part of the National Pollution Discharge Elimination System (NPDES) monitoring network.

Date FEB 12 25 JUL	Time 1945 1530	Instantaneous discharge, cfs (00061)	pH, water, unfltrd field, std units (00400)	conduc- tance, wat unf uS/cm	fltrd, percent recovry (99958)	2,4,5-T water, fltrd, ug/L (39742) <.25 <.37	water, fltrd, ug/L	2,4-D water, fltrd, ug/L (39732) <3.50 <.73	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660) <.006	CIAT, water, fltrd, ug/L (04040) <.006 <.010	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)
19	1000	369	7.4	1340	.0		<.009	E.07	< .02	< .006	<.006	< .04	E.087
31 AUG	1745	387	7.6	785	.0		<.009	E.29	<.02	<.006	<.006	< .04	<.008
19	2124	344								<.006	<.006		
Date	nitro- phenol, wat flt 0.7u GF ug/L	3- Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	3-Keto- carbo- furan, water, fltrd, ug/L (50295)	Aceto- chlor, water, fltrd, ug/L (49260)	Aci- fluor- fen, water, fltrd 0.7u GF ug/L (49315)	Ala- chlor, water, fltrd, ug/L (46342)		oxide, wat flt	Aldi- carb, water, fltrd 0.7u GF ug/L (49312)	HCH, water,	alpha- HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atra- zine, water, fltrd, ug/L (39632)	water, fltrd
FEB													
12 25 JUL	<.25 <.25	<19.0 <7.40		<.006 <.006	<.05 <.08	<.004 <.040	<1.80 <2.10	<6.80 <2.60	<7.30 <11.0	<.005 <.005	109 84.5	<.010 <.010	<.050 <.050
19 31 AUG		E.019 <.006	<2 <2	<.006 <.006	<.007 <.007	<.004	<.02 <.02	<.008	<.04 <.04	<.005 <.005	86.8 97.3	<.007 <.007	<.050 <.050
19				<.006		< .004				< .005	75.3	<.007	<.050
Date	aBarban, surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	aBDMC, surrog, water, unfltrd percent recovry (99835)	Bendio- carb, water, fltrd, ug/L (50299)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul- furon, water, fltrd, ug/L (61693)	Ben- tazon, water, fltrd 0.7u GF ug/L (38711)	Broma- cil, water, fltrd, ug/L (04029)	Brom- oxynil, water, fltrd 0.7u GF ug/L (49311)	Butyl- ate, water, fltrd, ug/L (04028)	Caf- feine, water, fltrd, ug/L (50305)	wat flt	Car- baryl, water, fltrd 0.7u GF ug/L (49310)
Date FEB	surrog, Sched. 2060/ 9060, wat flt pct rcv	surrog, water, unfltrd percent recovry	carb, water, fltrd, ug/L	flur- alin, water, fltrd 0.7u GF ug/L	water, fltrd, ug/L	furon, water, fltrd, ug/L	tazon, water, fltrd 0.7u GF ug/L	cil, water, fltrd, ug/L	oxynil, water, fltrd 0.7u GF ug/L (49311)	ate, water, fltrd, ug/L	feine, water, fltrd, ug/L	feine- 13C, surrog, wat flt percent recovry	baryl, water, fltrd 0.7u GF ug/L
FEB 12 25 JUL	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	surrog, water, unfltrd percent recovry (99835)	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	water, fltrd, ug/L (50300)	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711) <.09 <.05	cil, water, fltrd, ug/L (04029) <2.50 <1.90	oxynil, water, fltrd 0.7u GF ug/L (49311) <.07 <.16	ate, water, fltrd, ug/L (04028) <.002 <.002	feine, water, fltrd, ug/L (50305)	feine- 13C, surrog, wat flt percent recovry (99959)	baryl, water, fltrd 0.7u GF ug/L (49310) <.500 <.130
FEB 12 25 JUL 19 31	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	surrog, water, unfltrd percent recovry (99835)	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	water, fltrd, ug/L (50300)	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711)	cil, water, fltrd, ug/L (04029)	oxynil, water, fltrd 0.7u GF ug/L (49311)	ate, water, fltrd, ug/L (04028)	feine, water, fltrd, ug/L (50305)	feine- 13C, surrog, wat flt percent recovry (99959)	baryl, water, fltrd 0.7u GF ug/L (49310)
FEB 12 25 JUL 19	surrog, Sched. 2060, 9060, wat flt pct rcv (90640)	surrog, water, unfilted percent recovry (99835) E90.0 E17.7	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010	water, fltrd, ug/L (50300)	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711) <.09 <.05	cil, water, fltrd, ug/L (04029) <2.50 <1.90 <.03	oxynil, water, fltrd 0.7u GF ug/L (49311) <.07 <.16	ate, water, fltrd, ug/L (04028) <.002 <.002	feine, water, fltrd, ug/L (50305)	feine- 13C, surrog, wat flt percent recovry (99959)	baryl, water, fltrd 0.7u GF ug/L (49310) <.500 <.130
FEB 12 25 JUL 19 31 AUG	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 	surrog, water, unfltrd percent recovry (99835) E90.0 E17.7 	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 Chlor- amben methyl ester, water, fltrd, ug/L	water, fltrd, ug/L (50300) 	furon, water, fltrd, ug/L (61693) <.02 <.02 Chloro- di- amino- s-tri- azine, wat flt ug/L	tazon, water, fltrd 0.7u GF ug/L (38711) <.09 <.05 <.01 <.01 Chloro- thalo- nil, water, fltrd 0.7u GF ug/L	cil, water, fltrd, ug/L (04029) <2.50 <1.90 <.03 <.03 Chlorpyrifos water, fltrd, ug/L	oxynil, water, fltrd 0.7u GF ug/L (49311) <.07 <.16 <.02 <.02 cis- Per- methrin	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 Clopyr- alid, water, fltrd 0.7u GF ug/L	feine, water, fltrd, ug/L (50305) E11.5 E3.10 Cyana- zine, water, fltrd, ug/L	feine- 13C, surrog, wat flt percent recovry (99959) 0 96.4 Cyclo- ate, water, fltrd, ug/L	baryl, water, fltrd 0.7u GF ug/L (49310) <.500 <.130 <.03 <.03 Dacthal mono- acid, water, fltrd 0.7u GF ug/L
FEB 12 25 JUL 19 31 AUG 19 Date	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 	surrog, water, unfltrd percent recovry (99835) E90.0 E17.7 	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 Chlor- amben methyl ester, water, fltrd, ug/L	water, fltrd, ug/L (50300) 	furon, water, fltrd, ug/L (61693) <.02 <.02 Chloro- di- amino- s-tri- azine, wat flt ug/L	tazon, water, fltrd 0.7u GF ug/L (38711) <.09 <.05 <.01 <.01 Chloro- thalo- nil, water, fltrd 0.7u GF ug/L	cil, water, fltrd, ug/L (04029) <2.50 <1.90 <.03 <.03 Chlorpyrifos water, fltrd, ug/L	oxynil, water, fltrd 0.7u GF ug/L (49311) <.07 <.16 <.02 <.02 cis- per- methrin water fltrd 0.7u GF ug/L	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 Clopyr- alid, water, fltrd 0.7u GF ug/L	feine, water, fltrd, ug/L (50305) E11.5 E3.10 Cyana- zine, water, fltrd, ug/L	feine- 13C, surrog, wat flt percent recovry (99959) 0 96.4 Cyclo- ate, water, fltrd, ug/L	baryl, water, fltrd 0.7u GF ug/L (49310) <.500 <.130 <.03 <.03 Dacthal mono- acid, water, fltrd 0.7u GF ug/L
FEB 12 25 JUL 19 31 AUG 19 Date FEB 12	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 	surrog, water, unfltrd percent recovry (99835) E90.0 E17.7	carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 Chlor- amben methyl ester, water, fltrd, ug/L (61188) <.21	water, fltrd, ug/L (50300) 	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711) <.09 <.05 <.01 <.01 Chloro- thalo- nil, water, fltrd 0.7u GF ug/L (49306) <.25 <.25 <.04	cil, water, fltrd, ug/L (04029) <2.50 <1.90 <.03 <.03 Chlor-pyrifos water, fltrd, ug/L (38933) <.060	oxynil, water, fltrd 0.7u GF ug/L (49311) <.07 <.16 <.02 <.02 cis-Per-methrin water fltrd 0.7u GF ug/L (82687) <.006	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.004 Clopyr- alid, water, fltrd 0.7u GF ug/L (49305) <2.30	feine, water, fltrd, ug/L (50305) 	feine- 13C, surrog, wat flt percent recovry (99959) 0 96.4 Cyclo- ate, water, fltrd, ug/L (04031)	baryl, water, fltrd 0.7u GF ug/L (49310) <.500 <.130 <.03 <.03 Dacthal mono- acid, water, fltrd 0.7u GF ug/L (49304)

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Date	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	aDiazi- non-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlo- benil, water, fltrd 0.7u GF ug/L (49303)	Di- chlor- prop, water, fltrd 0.7u GF ug/L (49302)	Diel- drin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen- amid, water, fltrd, ug/L (04033)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	EPTC, water, fltrd 0.7u GF ug/L (82668)
FEB													
12 25	<.003	<.004 <.004	.088 .062	126 109	<.11 <.11	<1.50 <.62	<.12 <.12	<.005 <.005	<.15 <.09		<.02	37.0 E4.90	<.002
JUL													
19 31 AUG	.004	<.004 <.004	<.120 <.005	108 127	<.01 <.01		<.01 <.01	<.005 <.005	<.01	<.03	<.02	E2.26 E1.93	<.002 <.002
19	.003	.007	.066	106				<.005			<.02		<.002
Date	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flumet- sulam, water, fltrd, ug/L (61694)	Fluo- meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imaza- quin, water, fltrd, ug/L (50356)	Imaze- thapyr, water, fltrd, ug/L (50407)	Imida- cloprid water, fltrd, ug/L (61695)
FEB													
12 25	<.009 <.009	<.005 <.005	<1.20 <1.10	<.009 <.009	<.005 <.005	<.005 <.005	<.007 <.007		<.77 <.75	<.003 <.003			
JUL 19	<.009	<.005	<.03	<.009	<.005	<.005	<.007	<.01	<.03	<.003	E3.78	<.02	<.007
31 AUG	<.009	<.005	< .03	<.009	<.005	<.005	<.007	<.01	<.03	<.003	E18.2	<.02	<.007
19	<.009	<.005		<.009	<.005	<.005	E.013			<.003			
Date	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (38478)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta- laxyl, water, fltrd, ug/L (50359)	Methio- carb, water, fltrd 0.7u GF ug/L (38501)	Meth- omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Metsul- furon, water, fltrd, ug/L (61697)
FEB 12	<.010	<.18	<.035	.206	<.20	<.26		<.66	<.22	<.006	<.013	<.006	
25 JUL	<.004	<.49	<.035	.135	<.21	<.26		< . 44	<.72	<.006	<.013	<.006	
19	<.004	<.01 <.01	<.035 <.035	E.095	<.02	<.01 <.01	<.02 <.02	<.008	<.004	<.006 <.006	<.013 <.013	<.006 <.006	E39.1 E16.2
AUG 19	<.004		<.035	.105						<.006	<.013	<.006	
Date	0.7u GF ug/L	ug/L	amide, water, fltrd		ug/L	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	0.7u GF ug/L	0.7u GF ug/L	ug/L		Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	ug/L
FEB 12	<.002		<.007	<.59		<2.00	<.29	<1.70	<.003	<.010	<.004	<.022	<.011
25	<.002		<.007	<.55		<1.00	<.28	<.72	<.003	<.010	<.004	<.022	<.011
JUL 19	<.002	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011
31	<.002	<.02	<.007	<.01	<.01	<.02	< .02	<.01	<.003	<.010	< .004	<.022	<.011
AUG 19	<.002		<.007						<.003	<.010	< .004	<.022	<.011
Date	Pic- loram, water, fltrd 0.7u GF ug/L (49291)	ug/L	water, fltrd	chlor, water, fltrd, ug/L	water, fltrd 0.7u GF ug/L	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	water fltrd 0.7u GF ug/L	zole, water, fltrd, ug/L	fltrd	ug/L	water, fltrd, ug/L	Sima- zine, water, fltrd, ug/L (04035)	
FEB													
12 25	<.23 <.45	.32	<.004 <.004	<.010 <.010	<.011 <.011	<.02 <.02	<.90 <.60		<1.10 <.96		<.04 <.14	<.020 <.020	
JUL 19 31	<.02	.15 <.01	<.004 <.004	<.010 <.010	<.011 <.011	<.02	<.010 <.010	<.02	<.008	<.02		.035	<.009
AUG 19		.08	<.004	<.010	<.011	<.02						.020	

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terba- cil, water, fltrd, ug/L (04032)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- clopyr, water, fltrd 0.7u GF ug/L (49235)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)
FEB								
12	< .02	< .034		< .02	< .005	< .002	< .16	< .009
25	< .02	< .034		< .02	< .005	< .002	< .24	< .009
JUL								
19	< .02	< .034	E.125	< .02	< .005	< .002	< .02	< .009
31	< .02	< .034	< .010	< .02	< .005	< .002	< .02	< .009
AUG								
19	< .02	< .034		< .02	< .005	< .002		E.006

Remark codes used in this report: < -- Less than E -- Estimated value

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued WATER-QUALITY RECORDS

PERIOD OF RECORD .-- April 1993 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: January to September, hourly. WATER TEMPERATURE: January to September, hourly.

INSTRUMENTATION .-- Water-quality monitor January to Sepstember 2002, hourly

REMARKS.--In April 1993, station was incorporated into the National Water-Quality Assessment Program (NAWQA) with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources. In January 1997 an automatic sampler was re-installed and used to collect water-quality data as part of the National Pollution Discharge Elimination System (NPDES) monitoring network. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 9,510 microsiemens/cm at 25°C, May 14, 2002; minimum recorded, 1,620 microsiemens/ cm at 25°C, July 18, 2002. WATER TEMPERATURE: Maximum recorded, 36.0°C July 12, 2002; minimum recorded, 4.0°C, January 31, 2002.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum recorded, 6,820 microsiemens/cm at 25°C, October 2; minimum recorded, 263 microsiemens/cm at 25°C, February 26.

WATER TEMPÉRATURE: Maximum recorded, 35.0°C July 20, 21; minimum recorded, 6.0°C, January 7, 9.

Date	Time	Sample type	Instan- taneous dis- charge, cfs (00061) (Baro- metric pres- sure, mm Hg 00025)		Dis- solved oxygen, percent of sat- uration (00301)	unfltrd field,	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air,	Temper- ature, water, deg C (00010)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 2002													
09	0930	ENVIRONMENTAL	10	723	8.9	99	8.1	3720	21.0	17.5			
24	0930	ENVIRONMENTAL	11	722	10.0	105	8.2	3680	19.0	14.5	223	279	275
NOV													
14	0930	ENVIRONMENTAL	9.	6 728	10.6	104	8.2	3820	15.0	12.0			
26	0830	ENVIRONMENTAL	10	729	11.0	101	8.2	3660	9.0	9.0	229	279	281
DEC													
16	1030	ENVIRONMENTAL	9.			104	8.3	3770	17.0	11.5			
30	1000	ENVIRONMENTAL	10	729	11.5	104	8.3	3830	5.0	8.5	220	268	317
JAN 2003 15	0950	FIELD BLANK											
15	1000	ENVIRONMENTAL	11	731		100	8.2	3360	9.0	8.5			
28	0940	FIELD BLANK		731	11.1	100	8.2	3360	9.0	8.5			<1.00
28	0945	ENVIRONMENTAL	8.		10.5	101	8.3	3680	11.0	11.0	213	259	273
28	0950	SEQUENTIAL REPLI											274
FEB	0,500	D-20-11-11-11-11-11-11-11-11-11-11-11-11-11											271
10	1000	ENVIRONMENTAL	9.	7 728	12.1	108	8.4	3720	13.0	8.0			
24	0830	ENVIRONMENTAL	10	717	9.9	101	8.2	3640	20.5	13.0	219	267	288
24	0845	SEQUENTIAL REPLI	CATE										
MAR													
13	1000	ENVIRONMENTAL	12				8.4	3680		16.0			
26	0945	ENVIRONMENTAL	11	725	11.4	126	8.4	3680	23.0	17.0	216	263	295
APR													
10	0930	ENVIRONMENTAL	9.			99	8.1	3660	18.5	16.0			
28	1000	ENVIRONMENTAL	11	720	10.4	112	8.4	3700	24.0	15.5	217	265	276
MAY													
21	0930	ENVIRONMENTAL	10	724	8.6	101	8.1	3630	21.0	20.0	213	255	272
JUN 12	0845												
12	0845	FIELD BLANK ENVIRONMENTAL	11	718	8.6	103	8.2	3690	25.0	20.5	219	267	310
12	0855	SEQUENTIAL REPLI		/10			0.2	3090	25.0	20.5	219	207	310
12	0900	PESTICIDE SPIKE											
JUL	0000	I DOLLCIDE SPIKE											
02	0830	ENVIRONMENTAL	8.	9 721	8.3	99	8.1	3660	28.0	20.5	213	260	309
AUG			٠.										
13	0800	ENVIRONMENTAL	11	723	7.4	93	8.0	3550	28.5	23.5	200	244	315
SEP													
09	0900	ENVIRONMENTAL	10	718	8.6	100	8.1	3660	27.0	19.0	210	256	308

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

		Ammonia +		Nitrite		Ortho- phos-	Partic- ulate		Total	Inor- ganic	Organic		1,4- Naphth-
		org-N,	Ammonia		Nitrite	phate,	nitro-	Phos-	carbon,	carbon,	carbon,	Organic	oguin-
	Sulfate		water,	water	water,	water,	gen,	phorus,	suspnd	suspnd	suspnd	carbon,	one,
	water,	unfltrd	fltrd,	fltrd,	fltrd,	fltrd,	susp,	water,	sedimnt	sedimnt	sedimnt	water,	water,
Date	fltrd.	mq/L	mq/L	mq/L	mq/L	mg/L	water,	unfltrd	total,	total,	total,	fltrd,	fltrd,
	mg/L	as N	as N	as N	as N	as P	mq/L	mq/L	mq/L	mq/L	mq/L	mg/L	uq/L
	(00945)	(00625)	(00608)	(00631)	(00613)	(00671)	(49570)	(00665)	(00694)	(00688)	(00689)	(00681)	(61611)
OCT 2002													
09		.56	.07	4.48	.061	E.01		.040					< .05
24	1640	.32	< .04	4.61	.036	< .02	.03	.014	.3	<.1	.3	3.0	< .05
NOV													
14		.30	< .04	5.04	.033	< .02		.013					< .05
26	1670	.28	< .04	4.99	.024	< .02	.04	.015	. 4	< .1	. 4	2.6	< .05
DEC													
16		.32	< .04	4.83	.022	E.01		.019					< .05
30	1570	.25	< .04	4.80	.020	< .02	.04	.014	.3	< .1	.3	2.3	< .05
JAN 2003													
15							<.02		<.1	<.1	<.1	E.2	<.05
15		.32	< .04	4.41	.020	< .02	.04	.012	.3	< .1	.3	2.4	< .05
28	<.9	<.10	< . 04	<.06	<.008	<.02		<.004					
28	1650	.29	E.02	4.60	.023	< .02		.014					< .05
28	1650	.29	E.03	4.62	.023	<.02		.011					<.05
FEB													
10		.31	E.02	4.64	.019	< .02		.007					< .05
24	1590	.41	E.03	4.59	.029	E.01	.03	.018	. 2	<.1	.2	2.6	< .05
24							.05		. 4	<.1	. 4	2.4	
MAR													
13		.86	E.03	4.19	.032	<.02		.018					< .05
26	1630	.84	E.03	3.95	.052	< .02	.07	.018	. 4	< .1	. 4	3.0	< .05
APR													
10		1.2	.08	4.48	.063	<.02		.012					< .05
28	1650	.47	E.02	4.06	.047	< .02	.05	.013	.3	< . 1	.2	3.0	< .05
MAY													
21	1590	.49	< .04	3.62	.072	< .02	.03	.012	.3	< .1	.3	2.8	< .05
JUN													
12													<.05
12	1570	.61	< .04	3.87	.053	< .02	.07	.021	. 8	< .1	. 8	3.5	< .05
12													<.05
12													E.01
JUL													
02	1580	.49	< .04	3.50	.079	< .02	.05	.021	. 5	< .1	.5	3.4	< .05
AUG													
13	1550	.81	E.03	3.68	.077	< .02	.16	.037	1.5	< . 1	1.4	5.7	< .05
SEP													
09	1600	.80	E.03	4.21	.064	< .02	.12	.029	. 7	< .1	.7	3.8	< .05

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

		2-(4-t-		2,6-Di-	2-[(2-	2Amino-	2Chloro			3-(Tri-			3-Phen-
	1-Naph-	-	2,5-Di-	ethyl-		N-iso-	-2',6'-		-6-		3,4-Di-		oxy-
	thol,	phenoxy	chloro-	aniline	-Ph) -	propyl-		~	methyl-	methyl)	chloro-	chloro-	benzyl
	water,	-	aniline	water	-amino]	benz-	acet-	CIAT,	aniline		aniline	aniline	
Data	fltrd	hexanol wat flt	water, fltrd,	fltrd 0.7u GF	propan- 1-ol,	amide, wat flt	anilide wat flt	water, fltrd,	water, fltrd,	water,	water fltrd,	water, fltrd,	water,
Date	0.7u GF ug/L	wat IIt ug/L	uq/L	uq/L	ug/L	ug/L	wat IIt uq/L	ug/L	ug/L	fltrd, ug/L	uq/L	uq/L	fltrd, ug/L
	(49295)	(61637)	(61614)	(82660)	(61615)	(61617)	(61618)	(04040)	(61620)	(61630)	(61625)	(61627)	(61629)
	(45255)	(01037)	(01014)	(02000)	(01013)	(01017)	(01010)	(01010)	(01020)	(01050)	(01025)	(01027)	(01025)
OCT 2002													
09	< .09	< .01	< .03	< .006		< .005	< .005	E.008	< .004	< .01	< .004	< .005	
24	< .09	< .01	< .03	<.006	<.1	<.005	< .005	E.011	< .004	< .01	< .004	< .005	< .05
NOV													
14	<.09	< .01	< .03	< .006	< .1	<.005	<.005	E.006	< .004	<.01	< .004	<.005	< .05
26	< .09	<.01	< .03	<.006	< .1	<.005	< .005	E.008	< .004	<.01	< .004	<.005	< .05
DEC													
16	< .09	<.01	< .03	<.006	< . 1	<.005	< .005	E.006	< .004	<.01	< .004	<.005	< .05
30	<.09	<.01	<.03	<.006	< . 1	<.005	<.005	E.005	< .004	< .01	< .004	<.005	<.05
JAN 2003	. 00	. 01	. 02	. 006	<.1	. 005	. 005	. 006	. 004	<.01	. 004		. 05
15 15	<.09 <.09	<.01 <.01	<.03	<.006	<.1	<.005	<.005 <.005	<.006 E.006	< . 004	<.01	<.004	<.005 <.005	<.05 <.05
28	<.09	<.01	<.03	<.006	< . 1	<.005	<.005	E.006	<.004	<.01	.014	<.005	<.05
28	<.09	<.01	<.03	<.006	<.1	<.005	<.005	E.006	<.004	<.01	.006	<.005	<.05
28	<.09	<.01	<.03	<.006	<.1	<.005	<.005	E.007	<.004	<.01	.007	<.005	<.05
FEB	1.05	1.01	1.03	1.000		1.005	1.005	2.007	1.001	1.01	.007	1.005	1.05
10	< .09	< .01	< .03	<.006	<.1	<.005	< .005	E.005	< .004	< .01	.008	<.005	< .05
24	< .09	< .01	< .03	<.006	< .1	<.005	<.005	E.007	< .004	< .01	.036	<.005	< .05
24													
MAR													
13	< .09	< .01	< .03	<.006	< .1	< .005	< .005	< .006	< .004	< .01	.024	< .005	< .05
26	< .09	< .01	< .03	<.006	<.1	< .005	< .005	E.009	< .004	< .01	.017	< .005	< .05
APR													
10	<.09	< .01	< .03	<.006	<.1	<.005	<.005	E.005	< .004	<.01	.072	<.005	
28	< .09	<.01	<.03		< .1	<.005	< .005		< .004	<.01	.023	<.005	< .05
MAY					_								
21	<.09	<.01	<.03	<.006	< . 1	<.005	<.005	<.006	<.004	< .01	.029	<.005	<.05
12	<.09	. 01	<.03	<.006	<.1	<.005	<.005	<.006	<.004	<.01	<.004		<.05
12	<.09	<.01 <.01	<.03	<.006	<.1	<.005	<.005	E.005	<.004	<.01	.015	<.005 <.005	<.05
12	<.09	<.01	<.03	<.006	<.1	<.005	<.005	E.005	<.004	<.01	.015	<.005	<.05
12	E.02	.14	.10	.126	.1	E.076	.129	E.003	E.115	E.04	.112	.109	.12
JUL	B.02	.14	.10	.120		E.070	.129	E.070	B.113	E.04	.112	.105	.12
02	<.09	<.01	< .03	.007	< .1	<.005	<.005	<.006	< .004	<.01	.013	<.005	<.05
AUG													5
13	< .09	< .01	< .03	<.006	<.1	<.005	<.005	E.004	< .004	< .01	.023	<.005	
SEP													
09	< .09	<.01	< .03	<.006	<.1	<.005	< .005	E.004	< .004	< .01	.015	<.005	

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Date	4- (MeOH)- pendi- meth- alin, wat flt ug/L (61665)	4,4'-Di chloro- benzo- phen- one, wat flt ug/L (61631)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4Chloro phenyl- methyl sulfone water, fltrd, ug/L (61634)	Aceto- chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto- chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala- chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- Endo- sulfan, water, fltrd, ug/L (34362)	alpha- HCH, water, fltrd, ug/L (34253)	alpha- HCH-d6, sur2002 /9002, wat unf percent recovry (99224)
OCT 2002													
09		< .003	< .006				<.006			< .004	<.005	<.005	108
24 NOV		<.003	<.006	< .03			<.006			< .004	<.005	<.005	100
14	< . 1	< .003	< .006	< .03			<.006			< .004	< .005	<.005	103
26	< . 1	< .003	< .006	< .03			<.006			< .004	< .005	< .005	104
DEC													
16	< .1	< .003	<.006	< .03			< .006			< .004	< .005	< .005	96.6
30	< .1	< .003	< .006	< .03			< .006			< .004	< .005	< .005	102
JAN 2003													
15	< . 1	<.003	<.006	<.03			<.006			< .004	<.005	<.005	106
15	< .1	< .003	< .006	< .03			< .006			< .004	< .005	< .005	98.3
28													
28	< .1	< .003	< .006	< .03			<.006			< .004	< .005	< .005	101
28	<.1	<.003	<.006	<.03			<.006			< .004	<.005	<.005	95.8
FEB													
10	< .1	< .003	< .006	< .03			< .006			< .004	< .005	< .005	99.2
24	< .1	< .003	< .006	< .03			< .006			< .004	< .005	< .005	95.7
24													
MAR													
13	<.1	<.003	< .006	< .03			<.006			< .004	<.005	<.005	98.3
26	< .1	< .003	< .006	< .03			< .006			< .004	< .005	< .005	96.4
APR													
10		<.003	< .006	< .03			< .006			< .004	<.005	<.005	90.5
28	<.1	< .003	< .006	< .03							<.005		101
MAY													
21	<.1	< .003	<.006	< .03			< .006			< .004	< .005	< .005	91.4
JUN													
12		<.003	<.006	<.03			<.006			<.004	<.005	<.005	99.1
12		<.003	< .006	< .03			< .006			< .004	<.005	<.005	99.1
12		<.003	<.006	<.03			<.006			< .004	<.005	<.005	96.5
12		E.150	E.075	E.08			.147			.138	.086	.131	96.5
JUL													
02	< .1	<.016	<.006	< .03	< .05	<.05	<.006	<.05	< .05	< .004	<.005	<.005	99.1
AUG													
13		<.003	<.006	< .03			<.006			< .004	<.005	<.005	84.7
SEP													
09		<.003	<.006	< .03			< .006			< .004	<.005	<.005	86.4

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Date	alpha- HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Amino- methyl- phos- phonic acid, wat flt ug/L (62649)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl oxon, water, fltrd, ug/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	beta- Endo- sulfan, water, fltrd, ug/L (34357)	Bifen- thrin, water, fltrd, ug/L (61580)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)
OCT 2002													
09	95.6	.6	.007	<.02	<.050	<.010	<.01	<.005	<.002	E.009	<.020	<.06	<.005
24	107	.2	<.007	<.02	<.050	<.010	<.01	<.005	<.002	<.041	<.020	<.06	<.005
NOV	107		1.007	1.02	1.050	1.010	1.01	1.005	1.002	1.011	1.020	1.00	1.005
14	101	. 4	E.007	< .02	<.050	<.010	<.01	<.005	< .002	E.003	<.020	< .06	<.005
26	107	. 2	.007	< .02	<.050	< .010	< .01	<.005	<.002	E.004	<.020	< .06	<.005
DEC													
16	101	.3	E.006	< .02	<.050	<.010	< .01	<.005	< .002	< .041	<.020	< .06	<.005
30	96.6	. 2	E.006	<.02	<.050	<.010	<.01	<.005	<.002	<.041	<.020	<.06	<.005
JAN 2003													
15	94.8	< . 1	<.007	<.02	<.050	<.010	<.01	<.005	<.002	<.041	<.020	<.06	<.005
15	87.3	.1	E.007	< .02	<.050	< .010	< .01	<.005	< .002	< .041	<.020	< .06	<.005
28													
28	103	< . 1	E.005	< .02	< .050	< .010	< .01	< .005	< .002	E.018	<.020	< .06	<.005
28	102	<.1	E.005	<.02	<.050	<.010	<.01	<.005	<.002	E.017	<.020	<.06	<.005
FEB													
10	94.9	.1	E.004	< .12	< .050	< .010	< .01	< .005	< .002	< .041	< .020	< .06	< .005
24	80.3	.3	.008	< .02	< .050	< .010	< .01	<.005	<.002	< .041	< .020	< .06	< .005
24													
MAR													
13	82.8	.3	< .007	< .02	< .050	< .010	< .01	<.005	< .002	< .041	<.020	< .06	< .005
26	81.0	.3	< .007	< .02	<.050	< .010	< .01	<.005	<.002	< .041	< .020	< .06	< .005
APR													
10	81.4	. 2	< .007	< .02	< .050	< .010	< .01	<.005	< .002	< .041	< .020	< .06	< .005
28		. 6		< .02			< .01	<.005				< .06	
MAY													
21	115	.3	.009	< .02	< .050	< .010	<.01	< .005	< .002	< .041	< .020	< .06	< .005
JUN													
12	83.8	<.1	<.007	<.02	<.050	<.010	<.01	<.005	<.002	<.041	<.020	<.06	<.005
12	93.1	. 4	E.004	<.02	<.050	< .010	< .01	<.005	<.002	E.009	<.020	< .06	<.005
12	89.4	. 4	E.005	<.02	<.050	<.010	<.01	<.005	<.002	E.007	<.020	<.06	<.005
12	89.8		.131	E.07	E.107	.098	E.07	E.036	.145	E.125	E.146	E.06	.119
JUL													
02	103	< . 1	< .007	< .02	< .050	< .010	< .01	<.005	<.002	E.015	<.020	< .02	<.005
AUG													
13	93.3	. 9	E.005	< .02	<.050	< .010	< .01	<.005	< .002	E.009	<.020	< .06	<.005
SEP													
09	96.5	. 9	E.006	< .02	< .050	<.010	< .01	< .005	< .002	E.006	< .020	< .06	< .005

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	cis- Per-	cis- Propi-				lambda-			Desulf- inyl		^a Diazi- non-d10	^a Diazi- non-d10	
	methrin	cona-	Cyana-	Cyclo-	Cyflu-		Cyper-	DCPA,	fipro-	Diazi-	sur2002	surroq.	Dicro-
	water	zole,	zine,	ate,	thrin,	thrin,	methrin	water	nil,	non,	/9002,	wat flt	tophos,
	fltrd	water,	water,	water,	water,	water,	water,	fltrd	water,	water,	wat unf	0.7u GF	water
Date	0.7u GF	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	percent	percent	fltrd,
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	recovry	recovry	ug/L
	(82687)	(79846)	(04041)	(04031)	(61585)	(61595)	(61586)	(82682)	(62170)	(39572)	(99223)	(91063)	(38454)
OCT 2002													
09	< .006	<.008	<.018	< .005	< .008	< .009	< .009	< .003	< .004	.010	94.7	120	< .08
24	<.006	< .008	<.018	<.005	< .008	<.009	<.009	< .003	< .004	.009	103	124	< .08
NOV													
14	<.006	<.008	<.018	<.005	<.008	<.009	<.009	< .003	< .004	.006	116	107	< .08
26	<.006	<.008	<.018	<.005	<.008	<.009	< .009	< .003	< .004	E.023	113	109	< .08
DEC													
16	<.006	<.008	<.018	<.005	<.008	<.009	< .009	< .003	< .004	E.009	124	108	<.08
30	<.006	<.008	<.018	<.005	<.008	<.009	<.009	< .003	< .004	< .005	112	120	<.08
JAN 2003													
15	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	<.005	99.1	103	<.08
15	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	<.010	100	103	<.08
28 28	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	<.005	109	112	<.08
28	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	.005	111	112	<.08
FEB	<.000	<.000	V.018	V.005	<.000	<.003	C.005	V.003	V.004	.000	111	110	2.00
10	<.006	<.008	<.018	<.005	<.008	<.009	<.009	< .003	< .004	E.005	110	108	<.08
24	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	.010	107	100	<.08
24													
MAR													
13	<.006	<.008	<.018	<.005	< .008	< .009	< .009	< .003	< .004	< .005	110	110	< .08
26	<.006	<.008	<.018	< .005	< .008	< .009	< .009	< .003	< .004	.058	110	127	< .08
APR													
10	< .006	< .008	<.018	< .005	< .008	< .009	< .009	< .003	< .004	.113	86.2	108	< .08
28		<.008		<.005	<.008	<.009	<.009				101		< .08
MAY													
21	<.006	<.008	<.018	<.005	<.008	<.009	< .009	< .003	E.004	.016	88.8	109	<.08
JUN													
12	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	<.005	93.9	106	<.08
12	<.006	<.008	<.018	<.005	<.008	<.009	<.009	< .003	< .004	.008	93.8	111	<.08
12	<.006	<.008	<.018	<.005	<.008	<.009	<.009	<.003	<.004	.007	97.4	106	<.08
12	.068	.043	.144	.115	E.072	E.030	E.060	.111	<.004	.154	102	108	E.02
JUL	. 006	. 000	. 010	. 005	. 016		. 016	. 002	. 004	E 006	100	105	. 00
02 AUG	<.006	<.008	<.018	<.005	<.016	<.009	<.016	<.003	<.004	E.026	106	105	<.08
13	<.006	< .008	<.018	<.005	< .008	< .009	<.009	< .003	< .004	.013	104	96.6	<.08
SEP													
09	<.006	<.008	<.018	<.005	< .008	<.009	<.009	< .003	< .004	.015	96.6	119	< .08

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		Dimeth	Blood l	Discount la	D/ 1.6	Disulf-	Dima	. 51	D. 4.	D. 4.		Ethal-	
	Diel-	Dimeth- enamid	Dimeth- enamid	oate,	Disulf- oton	oton sulf-	Disul- foton,	e-Di- metho-	Endo- sulfan	Endo- sulfan	EPTC,	flur- alin,	Ethion
	drin,	ESA,	OA,	water,	sulfone	oxide,	water,	morph,	ether,	sulfate	water,	water,	monoxon
	water,	water,	water,	fltrd	water,	water,	fltrd	water,	water,	water,	fltrd	fltrd	water,
Date	fltrd,	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	fltrd,	0.7u GF	0.7u GF	fltrd,
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	uq/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	(39381)	(61951)	(62482)	(82662)	(61640)	(61641)	(82677)	(79844)	(61642)	(61590)	(82668)	(82663)	(61644)
OCT 2002													
09	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	<.009	< .03
24	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
NOV													
14	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
26	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
DEC													
16	< .005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	< .002	<.009	< .03
30	< .005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	< .002	<.009	< .03
JAN 2003													
15	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	<.03
15	<.005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	<.002	<.009	< .03
28													
28	<.005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	<.002	<.009	< .03
28 FEB	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	<.03
10	<.005			<.006	< .02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	< .03
24	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	<.03
24													
MAR													
13	<.005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	<.002	<.009	< .03
26	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	<.03
APR													
10	< .005			<.006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
28				< .006	< .02	< .002		< .02	< .004	< .006			< .03
MAY													
21	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
JUN													
12	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	< .03
12	< .005			< .006	< .02	< .002	< .02	< .02	< .004	< .006	< .002	< .009	< .03
12	<.005			<.006	<.02	<.002	<.02	<.02	<.004	<.006	<.002	<.009	<.03
12	.132			E.039	.10	E.139	.06	.12	.118	.117	.105	.112	E.10
JUL													
02	<.005	< .05	<.05	<.006	<.02	<.002	< .02	< .02	< .004	<.006	<.002	<.009	< .03
AUG													
13	< .005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	< .002	<.009	< .03
SEP													
09	<.005			<.006	< .02	<.002	< .02	< .02	< .004	<.006	<.002	<.009	< .03

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

				Fenami-		Fen-		Desulf-					
		Etho-	Fenami-	phos		thion		inyl-	Fipro-	Fipro-		Flufen-	Flufe-
		prop,	phos	sulf-	Fenami-	sulf-	Fen-	fipro-	nil	nil	Fipro-	acet	nacet
	Ethion,	water,	sulfone	oxide,	phos,	oxide,	thion,	nil	sulfide	sulfone	nil,	ESA,	OA,
	water,	fltrd	water,	water,	water,	water,	water,	amide,	water,	water,	water,	water,	water,
Date	fltrd,	0.7u GF	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	wat flt	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,
	ug/L												
	(82346)	(82672)	(61645)	(61646)	(61591)	(61647)	(38801)	(62169)	(62167)	(62168)	(62166)	(61952)	(62483)
OCT 2002													
09	< .004	<.005	<.008	< .03	< .03	<.008	< .02	<.009	<.005	<.005	< .007		
24	< .004	<.005	<.008	<.03	< . 03	<.008	<.02	<.009	<.005	<.005	<.007		
NOV													
14	< .004	<.005	<.008	< .03	< .03	<.008	< .02	<.009	<.005	<.005	< .007		
26	< .004	<.005	< .008	< .03	< .03	<.008	< .02	<.009	<.005	< .005	<.007		
DEC													
16	< .004	< .005	< .008	< .03	< .03	< .008	< .02	<.009	< .005	< .005	< .007		
30	< .004	< .005	< .008	< .03	< .03	<.008	< .02	<.009	< .005	< .005	< .007		
JAN 2003													
15	<.004	<.005	<.008	<.03	< . 03	<.008	<.02	<.009	<.005	<.005	<.007		
15	< .004	< .005	< .008	< .03	< .03	<.008	< .02	<.009	< .005	< .005	< .007		
28													
28	< .004	<.005	< .008	< .03	< .03	< .008	< .02	<.009	<.005	< .005	< .007		
28	<.004	<.005	<.008	< . 03	< . 03	<.008	<.02	<.009	<.005	<.005	< .007		
FEB													
10	< .004	<.005	< .008		< .03	< .008	< .02	<.009	<.005	<.005	< .007		
24	< .004	<.005	< .008	< .03	< .03	< .008	< .02	<.009	<.005	< .005	< .007		
24													
MAR													
13	< .004	< .005	< .008	< .03	< .03	< .008	< .02	< .009	< .005	< .005	< .007		
26	< .004	< .005	< .008	< .03	< .03	< .008	< .02	<.009	< .005	< .005	< .007		
APR													
10	< .004	< .005	< .008	< .03	< .03	< .008	< .02	< .009	< .005	< .005	< .007		
28	< .004		< .008	< .03	< .03	< .008	< .02						
MAY													
21	< .004	< .005	< .008	< .03	< .03	< .008	< .02	< .009	< .005	< .005	< .007		
JUN													
12	<.004	<.005	<.008	<.03	<.03	<.008	<.02	<.009	<.005	<.005	<.007		
12	< .004	<.005	< .008	< .03	< .03	<.008	< .02	<.009	< .005	< .005	< .007		
12	<.004	<.005	<.008	<.03	<.03	<.008	<.02	<.009	<.005	<.005	<.007		
12	.103	.110	.123	E.04	.12	E.126	.12	<.009	<.005	<.005	<.007		
JUL													
02	< .004	<.005	< .008	< .03	< .03	<.008	< .02	<.009	<.005	< .005	<.007	< .05	< .05
AUG													
13	< .004	<.005	< .008	< .03	< .03	< .008	< .02	<.009	<.005	<.005	< .007		
SEP													
09	< .004	< .005	< .008	< .03	< .03	< .008	< .02	E.005	< .005	< .005	< .007		

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Date	Methi- althion water, fltrd, ug/L (61598)	c-Per- methric acid methyl ester, wat flt ug/L (79842)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	methric acid methyl ester,	Metola- chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola- chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	O-Et-O- Me-S-Pr -phos- phoro- thioate wat flt ug/L (61660)
OCT 2002													
09	< .006	< .04	< .03	<.006	< .03			<.013	< .006	< .002	<.008	< .007	< .008
24 NOV	<.006	< .04	<.03	<.031	<.03			<.013	<.006	<.002	<.008	<.007	<.008
14	< .006	< .04	< .03	<.006	< .03			<.013	< .006	< .002	<.008	< .007	< .008
26	< .006	< .04	< .03	< .006	< .03			<.013	< .006	< .002	<.008	E.005	< .008
DEC													
16	< .006	< .04	< .03	<.006	< .03			<.013	< .006	< .002	<.008	< .007	< .008
30	< .006	< .04	< .03	< .006	< .03			<.013	< .006	< .002	< .008	< .007	< .008
JAN 2003													
15	<.006	< . 04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
15	< .006	< .04	< .03	< .006	< .03			<.013	< .006	< .002	< .008	< .007	< .008
28													
28	< .006	< .04	< .03	<.006	< .03			<.013	<.006	< .002	<.008	< .007	< .008
28	<.006	< .04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
FEB													
10	< .006	< .04	< .03	<.006	<.03			<.013	<.006	<.002	<.008	< .007	<.008
24	< .006	< .04	< .03	<.006	<.03			<.013	<.006	<.002	<.008	< .007	<.008
24													
MAR													
13	<.006	< .04	<.03	<.006	< .03			<.013	<.006	<.002	<.008	<.007	<.008
26	<.006	< .04	< .03	<.006	< .03			<.013	<.006	<.002	<.008	<.007	<.008
APR	000	0.4	0.2	006	0.2			012	006	000	000	0.05	000
10	<.006 <.006	< .04	<.03 <.03	<.006	<.03 <.03			<.013	<.006	<.002	<.008	<.007	<.008
28 MAY	<.006	< .04	<.03		<.03						<.008		<.008
21	<.006	< .04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
JUN	<.006	<.04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
12	<.006	<.04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
12	<.006	<.04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
12	<.006	<.04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
12	.111	E.04	E.09	.181	.08			.144	.125	.117	.107	.130	.118
JUL		2.04	2.00	.101	.00			.111	.123	.11/	.107	.130	.110
02	<.006	< .04	<.03	<.006	< .03	< .05	<.05	<.013	<.006	<.002	<.008	<.007	<.008
AUG							5	1.013		1.002		,	
13	<.006	< .04	<.03	<.006	<.03			<.013	<.006	<.002	<.008	<.007	<.008
SEP													
09	<.006	< .04	< .03	<.006	< .03			<.013	<.006	<.002	<.008	< .007	<.008

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

	Oxy- fluor- fen,	p,p'- DDE,	Para- oxon,	Para- thion,	Peb- ulate, water,	Pendi- meth- alin, water,	Phorate oxon,	Phorate water	Phosmet oxon,	Phosmet	Phoste- bupirim	Pro- fenofos	Prome- ton,
Date	water, fltrd,	water, fltrd,	water, fltrd,	water, fltrd,	fltrd 0.7u GF	fltrd 0.7u GF	water, fltrd,	fltrd 0.7u GF	water, fltrd,	water, fltrd,	water, fltrd,	water, fltrd,	water, fltrd,
	ug/L (61600)	ug/L (34653)	ug/L (61663)	ug/L (39542)	ug/L (82669)	ug/L (82683)	ug/L (61666)	ug/L (82664)	ug/L (61668)	ug/L (61601)	ug/L (61602)	ug/L (61603)	ug/L (04037)
OCT 2002													
09	< .007	< .003	< .008	<.010	< .004	<.022	< .10	<.011	< .06	<.008	< .005	< .006	.02
24	< .007	<.003	<.008	<.010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	.02
NOV													
14	<.007	<.003	<.008	<.010	<.004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	E.01
26 DEC	<.007	<.003	<.008	<.010	< .004	<.022	< .10	<.011	<.06	<.008	<.005	<.006	E.01
16	< .007	<.003	<.008	< .010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	E.01
30 JAN 2003	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	E.01
15	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	<.01
15	< .007	<.003	<.008	< .010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	E.01
28													
28	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	< .06	<.008	<.005	<.006	.04
28	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	.04
FEB 10	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	.02
24	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	E.01
24													
MAR													
13	< .007	< .003	< .008	< .010	< .004	<.022	< .10	<.011	< .06	< .008	< .005	< .006	E.01
26	< .007	< .003	<.008	< .010	< .004	<.022	< .10	<.011	< .06	< .008	<.005	< .006	.02
APR													
10	< .007	< .003	<.008	< .010	< .004	<.022	< .10	<.011	< .06	< .008	<.005	<.006	.02
28	< .007		<.008				< .10		<.06	<.008	<.005	<.006	
MAY													
21 JUN	< .007	<.003	<.008	<.010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	.02
12	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	<.01
12	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	.02
12	<.007	<.003	<.008	<.010	<.004	<.022	<.10	<.011	<.06	<.008	<.005	<.006	E.01
12	.098	.074	.142	.209	.113	.133	E.10	.103	<.06	<.008	.108	.092	.15
JUL													
02	< .007	< .003	<.016	<.010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	.02
AUG													
13	< .007	<.003	<.008	<.010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	E.01
SEP													
09	< .007	<.003	<.008	<.010	< .004	<.022	< .10	<.011	< .06	<.008	<.005	<.006	.02

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

										Tebu-			
		Pron-		Pro-	Propar-					pirim-	Tebu-		
	Prome-	amide,	Propa-	panil,	gite,	Propet-	Sima-	Sulfo-	Sulpro-	phos	thiuron	Teflu-	Teme-
	tryn,	water,	chlor,	water,	water,	amphos,	zine,	tepp,	fos,	oxon,	water	thrin,	phos,
	water,	fltrd	water,	fltrd	fltrd	water,	water,	water,	water,	water,	fltrd	water,	water,
Date	fltrd,	0.7u GF	fltrd,	0.7u GF	0.7u GF	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	(04036)	(82676)	(04024)	(82679)	(82685)	(61604)	(04035)	(61605)	(38716)	(61669)	(82670)	(61606)	(61607)
OCT 2002													
09	<.005	< .004	< .010	<.011	< .02	< .004	.011	<.003	< .02	<.006	< .02	< .008	<.3
24	<.005	< .004	< .010	<.011	< .02	< .004	.017	< .003	< .02	<.006	<.02	<.008	< .3
NOV													
14	<.005	< .004	<.010	<.011	<.02	< .004	.011	<.003	<.02	<.006	<.02	<.008	< . 3
26	<.005	< .004	<.010	<.011	<.02	<.004	.011	<.003	<.02	<.006	< .02	<.008	<.3
DEC	005	004	010	011	0.0	004	0.1.1	000	0.0	005	0.0	000	2
16 30	<.005 <.005	<.004	<.010 <.010	<.011 <.011	<.02 <.02	<.004	.011	<.003 <.003	<.02	<.006 <.006	<.02	<.008	<.3
JAN 2003	<.005	<.004	<.010	<.011	<.02	<.004	.011	<.003	<.02	<.006	₹.02	<.000	<.3
15	<.005	<.004	<.010	<.011	<.02	<.004	<.005	<.003	<.02	<.006	<.02	<.008	<.3
15	<.005	<.004	<.010	<.011	<.02	<.004	.013	<.003	<.02	<.006	<.02	<.008	<.3
28							.015						
28	<.005	< .004	< .010	<.011	< .02	< .004	.010	< .003	< .02	<.006	< .02	<.008	< .3
28	<.005	<.004	<.010	<.011	<.02	<.004	.010	<.003	<.02	<.006	<.02	<.008	<.3
FEB													
10	<.005	< .004	< .010	<.011	< .02	< .004	.022	< .003	< .02	<.006	< .02	< .008	<.3
24	<.005	< .004	< .010	< .011	< .02	< .004	.013	< .003	< .02	< .006	< .02	< .008	< .3
24													
MAR													
13	<.005	< .004	< .010	<.011	< .02	< .004	< .005	< .003	< .02	<.006	<.02	< .008	< . 4
26	<.005	< .004	<.010	<.011	<.02	< .004	<.010	<.003	<.02	<.006	<.02	<.008	<.3
APR	005	004	010	011	0.0	004	0.1.0	000	0.0	225	0.0	000	2
10 28	<.005	<.004	<.010	<.011	<.02	<.004 <.004	<.010	<.003	<.02	<.006 <.006	<.02	<.008	<.3
Z8 MAY	<.005					<.004		<.003	<.02	<.006		<.008	<.3
21	E.003	< .004	<.010	<.011	<.02	<.004	.011	<.003	<.02	<.006	<.02	<.008	<.3
JUN	E.003	V.004	V.010	V.011	V.02	C.004	.011	<uu3< td=""><td>V.02</td><td>V.000</td><td>V.02</td><td><.000</td><td>V.3</td></uu3<>	V.02	V.000	V.02	<.000	V.3
12	<.005	<.004	<.010	<.011	<.02	<.004	<.005	<.003	<.02	<.006	<.02	<.008	<.3
12	<.005	<.004	<.010	<.011	<.02	< .004	.008	<.003	<.02	<.006	<.02	<.008	<.3
12	<.005	<.004	<.010	<.011	<.02	<.004	.008	<.003	<.02	<.006	<.02	<.008	<.3
12	.127	.124	.143	.139	.12	.111	.122	E.100	E.09	.118	.15	E.065	М
JUL													
02	<.005	< .004	< .010	<.011	< .02	< .004	.011	< .003	< .02	<.006	< .02	<.008	<.3
AUG													
13	<.005	< .004	< .010	<.011	<.02	< .004	.009	<.003	< .02	<.006	< .02	<.008	<.3
SEP													
09	<.005	< .004	<.010	<.011	<.02	< .004	.013	<.003	<.02	<.006	<.02	<.008	<.3

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

	Ter-					trans-			Tri-			Sus-	
	Terba-	bufos	Terbu-	Ter-	Thio-	Propi-	Tri-		flur-	z-Di-	Di-	pended	Sus-
	cil,	oxon	fos,	buthyl-	bencarb	cona-	allate,	Tribu-	alin,	metho-	chlor-	sedi-	pended
	water,	sulfone	water,	azine,	water	zole,	water,	phos,	water,	morph,	vos,	ment	sedi-
	fltrd	water,	water	concen-	ment								
Date	0.7u GF	fltrd,	fltrd,	tration	load,								
	ug/L	mg/L	tons/d										
	(82665)	(61674)	(82675)	(04022)	(82681)	(79847)	(82678)	(61610)	(82661)	(79845)	(38775)	(80154)	(80155)
OCT 2002													
09	< .034	< .07	< .02	.04	<.005	< .01	<.002	< .004	<.009	< .05	< .01	65	1.8
24	< .034	< .07	< .02	.03	<.005	< .01	<.002	< .004	E.005	< .05	< .01	20	.57
NOV													
14	< .034	< .07	< .02	.02	<.005	< .01	< .002	< .004	< .009	< .05	< .01	29	.75
26	< .034	< .07	< .02	.01	< .005	< .01	< .002	< .004	< .009	< .05	< .01	14	.40
DEC													
16	< .034	< .07	< .02	.03	<.005	< .01	< .002	< .004	<.009	< .05	< .01	19	.48
30	< .034	< .07	< .02	.01	< .005	< .01	< .002	< .004	< .009	< .05	< .01	15	.40
JAN 2003													
15	<.034	<.07	<.02	<.01	<.005	< .01	<.002	<.004	<.009	<.05	<.01	1	
15	< .034	< .07	< .02	.01	< .005	< .01	< .002	< .004	<.009	< .05	< .01	28	.85
28													
28	< .034	< .07	< .02	.08	< .005	< .01	< .002	< .004	< .009	< .05	< .01	31	.72
28	<.034	< .07	<.02	.08	<.005	< .01	<.002	<.004	<.009	<.05	< .01	37	
FEB													
10	< .034	< .07	< .02	.07	<.005	< .01	< .002	< .004	< .009	< .05	< .01	.0	.00
24	< .034	< .07	< .02	.05	<.005	< .01	< .002	< .004	< .009	< .05	< .01	.0	.00
24													
MAR													
13	< .034	< .07	< .02	.08	<.005	< .01	< .002	< .004	<.009	< .05	< .01	. 0	.00
26	< .034	< .07	< .02	.03	< .005	< .01	< .002	< .004	<.009	< .05	< .01	14	.42
APR													
10	< .034	< .07	< .02	.02	<.005	< .01	< .002	< .004	<.009	< .05	< .01	22	.58
28		< .07		.04		< .01		< .004		<.05	< .01	19	.56
MAY													
21	<.034	< .07	< .02	.07	<.005	< .01	< .002	< .004	< .009	< .05	< .01	6	.17
JUN													
12	<.034	<.07	<.02	<.01	<.005	<.01	<.002	<.004	<.009	<.05	<.01		
12	<.034	< .07	< .02	.01	<.005	< .01	<.002	< .004	< .009	< .05	< .01	4	.12
12	<.034	<.07	<.02	.01	<.005	<.01	<.002	<.004	<.009	<.05	<.01		
12	E.103	.10	.09	.15	.133	.07	.124	E.105	.101	E.04	E.04		
JUL													
02	<.034	< .07	< .02	.01	<.005	< .01	<.002	< .004	< .009	<.05	< .01	54	1.3
AUG													
13	< .034	< .07	< .02	.02	<.005	<.01	<.002	< .004	<.009	< .05	<.01	43	1.3
SEP												_	
09	<.034	< .07	< .02	.44	<.005	< .01	<.002	< .004	< .009	<.05	< .01	7	.19

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Suspnd sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002	
09	26
24	47
NOV	
14	46
26	53
DEC	
16	68
30	41
JAN 2003	
15	50
15	30
28	
28	35
28	39
FEB	
10	50
24	46
24	
MAR	
13	66
26	54
APR	2.6
10	36
28 MAY	53
21	71
JUN	/1
12	
12	82
12	
12	
JUL	
02	37
AUG	
13	35
SEP	
09	76

Remark codes used in this report:

^aListed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified</pre>

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				WHILE ID	00102	DIC DOOD .	IO SEPIEMB	DIC DOOD				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEME	ER		JANU	JARY
1	3860	3640	3760	3750	3610	3690				3930	3840	3900
2	6820	2430	3560	3730	3660	3690				4000	3680	3870
3	3650	2890	3210	3760	3620	3730	3630	3480	3550	3860	3680	3780
4	3780	3640	3710	3760	3600	3700	3780	3490	3650	3890	3730	3780
5	3890	3640	3790	3770	3630	3720	3820	3700	3760	3880	3750	3810
6	3990	3780	3870	3780	3700	3730	3790	3650	3730	3910	3740	3850
7	3990	3810	3890	3780	3380	3670	4000	3630	3770	3880	3620	3750
8	3970	3640	3800	3760	3210	3430	3860	3600	3740	3830	3020	3480
9	3940	3760	3840	3820	3700	3750	3750	3470	3590	3690	3380	3530
10	3850	3600	3720	3810	3760	3790	3680	3480	3570	3730	3620	3670
	2000	2500	2550	2000	2810	2000	2600	2400	2550	2500	2600	25.00
11 12	3800 3860	3700 3690	3750 3770	3820 3900	3710 3740	3770 3810	3680 3620	3490 3470	3570 3560	3790 3830	3670 3680	3760 3750
13	3820	3590	3750	3980	3810	3870	3730	3510	3660	3840	3770	3810
14	3800	3530	3690	3890	3820	3840	3730	3630	3660	3790	3620	3690
15	3690	3360	3600	3840	3730	3800	3920	3570	3810	3710	3350	3570
16 17	3710 3620	3600 3540	3670 3590	3840 3860	3760 3270	3790 3580	3900 3950	3690 3680	3780 3820	3720 3730	3580 3580	3640 3640
18	3670	3540	3600	3820	3690	3750	3740	3650	3710	3720	3640	3690
19	3660	3580	3610	3910	3700	3780	3780	3640	3730	3840	3680	3770
20	3680	3610	3650	3920	3770	3830	3760	3640	3690	3800	3590	3700
21	3750	3620	3680	3780	3580	3690	3700	3560	3650	3920	3750	3840
22 23	3700 3760	3660 3600	3680 3690	3700 3710	3560 3590	3640 3650	3560 3880	3180 3560	3300 3760	3980 3890	3670 3630	3810 3790
24	3790	3630	3720	3700	3570	3630	3780	3670	3750	3980	3700	3860
25	3770	3620	3710	3830	3660	3740	3860	3650	3760	3990	3680	3780
26	3780	1680	2510	3890	3730	3810	3840	3620	3740	4030	3660	3850
27 28	2820 3350	1130 1960	1880 2780	3980 3920	3700 3780	3800 3840	3800 3880	3210 3620	3650 3770	3970 3780	3780 3640	3900 3730
29	3620	3350	3510	3920	3780	3850	3900	3410	3750	4020	3780	3900
30	3700	3590	3630				3920	3630	3830	3820	3570	3720
31	3850	3650	3680				3920	3730	3840	3820	3500	3700
MONTH	6820	1130	3560							4030	3020	3750
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX			MAX			MAX			MAX		
DAY	MAX		MEAN	MAX	MIN MAR		MAX	MIN APR		MAX		MEAN 1AY
DAY	MAX 3810			MAX 2890			MAX 3860			MAX 3940		
1 2	3810 3790	FEBF 3690 3550	3750 3680	2890 2980	MAR 1460 1560	CH 2160 2300	3860 3880	APR 3720 3750	3780 3820	3940 4010	3820 3900	3870 3940
1 2 3	3810 3790 3830	FEBF 3690 3550 3550	3750 3680 3770	2890 2980 3530	MAR 1460 1560 2980	CH 2160 2300 3340	3860 3880 3900	APR 3720 3750 3800	3780 3820 3860	3940 4010 4090	3820 3900 3920	3870 3940 3990
1 2 3 4	3810 3790 3830 3910	FEBF 3690 3550 3550 3650	3750 3680 3770 3790	2890 2980 3530 3680	MAR 1460 1560 2980 3520	2160 2300 3340 3610	3860 3880 3900 3900	3720 3750 3800 3800	3780 3820 3860 3870	3940 4010 4090 4350	3820 3900 3920 4060	3870 3940 3990 4120
1 2 3	3810 3790 3830	FEBF 3690 3550 3550	3750 3680 3770	2890 2980 3530	MAR 1460 1560 2980	CH 2160 2300 3340	3860 3880 3900	APR 3720 3750 3800	3780 3820 3860	3940 4010 4090	3820 3900 3920	3870 3940 3990
1 2 3 4	3810 3790 3830 3910	FEBF 3690 3550 3550 3650	3750 3680 3770 3790	2890 2980 3530 3680	MAR 1460 1560 2980 3520	2160 2300 3340 3610	3860 3880 3900 3900	3720 3750 3800 3800	3780 3820 3860 3870	3940 4010 4090 4350	3820 3900 3920 4060	3870 3940 3990 4120
1 2 3 4 5	3810 3790 3830 3910 3860 3860	FEBR 3690 3550 3550 3650 3680 3620 3580	3750 3680 3770 3790 3780 3770 3690	2890 2980 3530 3680 3720 3750 4500	MAR 1460 1560 2980 3520 3580 3560 3580	2160 2300 3340 3610 3640 3670 3760	3860 3880 3900 3900 3870 3860 3940	3720 3750 3800 3800 3760 3790 3790	3780 3820 3860 3870 3820 3830 3870	3940 4010 4090 4350 4410 4160 4120	3820 3900 3920 4060 4160 3970 4060	3870 3940 3990 4120 4270 4050 4090
1 2 3 4 5	3810 3790 3830 3910 3860 3770 3920	FEBF 3690 3550 3550 3650 3680 3620 3580 3620	3750 3680 3770 3790 3780 3770 3690 3790	2890 2980 3530 3680 3720 3750 4500 4370	MAR 1460 1560 2980 3520 3580 3560 3580 3810	2160 2300 3340 3610 3640 3670 3760 3920	3860 3880 3900 3900 3870 3860 3940 3850	3720 3750 3800 3800 3760 3790 3790 3560	3780 3820 3860 3870 3820 3830 3870 3730	3940 4010 4090 4350 4410 4160 4120 4360	3820 3900 3920 4060 4160 3970 4060 3910	3870 3940 3990 4120 4270 4050 4090 4080
1 2 3 4 5 6 7 8	3810 3790 3830 3910 3860 3770 3920 3830	FEBF 3690 3550 3550 3650 3680 3620 3580 3620 3750	3750 3680 3770 3790 3780 3770 3690 3790 3790	2890 2980 3530 3680 3720 3750 4500 4370 3810	MAR 1460 1560 2980 3520 3580 3560 3580 3810 3690	2160 2300 3340 3610 3640 3670 3760 3920 3740	3860 3880 3900 3900 3870 3860 3940 3850 3760	3720 3750 3800 3800 3760 3790 3790 3560 3290	3780 3820 3860 3870 3820 3830 3870 3730 3500	3940 4010 4090 4350 4410 4160 4120 4360 4250	3820 3900 3920 4060 4160 3970 4060 3910 4070	3870 3940 3990 4120 4270 4050 4090 4080 4180
1 2 3 4 5	3810 3790 3830 3910 3860 3770 3920	FEBF 3690 3550 3550 3650 3680 3620 3580 3620	3750 3680 3770 3790 3780 3770 3690 3790	2890 2980 3530 3680 3720 3750 4500 4370	MAR 1460 1560 2980 3520 3580 3560 3580 3810	2160 2300 3340 3610 3640 3670 3760 3920	3860 3880 3900 3900 3870 3860 3940 3850	3720 3750 3800 3800 3760 3790 3790 3560	3780 3820 3860 3870 3820 3830 3870 3730	3940 4010 4090 4350 4410 4160 4120 4360	3820 3900 3920 4060 4160 3970 4060 3910	3870 3940 3990 4120 4270 4050 4090 4080
1 2 3 4 5 6 7 8	3810 3790 3830 3910 3860 3770 3920 3830	FEBF 3690 3550 3550 3650 3680 3620 3580 3620 3750	3750 3680 3770 3790 3780 3770 3690 3790 3790	2890 2980 3530 3680 3720 3750 4500 4370 3810	MAR 1460 1560 2980 3520 3580 3560 3580 3810 3690	2160 2300 3340 3610 3640 3670 3760 3920 3740	3860 3880 3900 3900 3870 3860 3940 3850 3760	3720 3750 3800 3800 3760 3790 3790 3560 3290	3780 3820 3860 3870 3820 3830 3870 3730 3500	3940 4010 4090 4350 4410 4160 4120 4360 4250	3820 3900 3920 4060 4160 3970 4060 3910 4070	3870 3940 3990 4120 4270 4050 4090 4080 4180
1 2 3 4 5 6 7 8 9 10	3810 3790 3830 3910 3860 3860 3770 3920 3830 3810 3790 3800	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730	3750 3680 3770 3780 3780 3770 3690 3790 3790 3790 3780 3760 2610	2890 2980 3530 3680 3720 3750 4500 4370 3810 3820	MAR 1460 1560 2980 3520 3580 3560 3580 3690 3730	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3710	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840	3720 3750 3800 3800 3760 3790 3790 3560 3290 3740	3780 3820 3860 3870 3820 3830 3870 3730 37500 3780	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010	3820 3900 3920 4060 4160 3970 4060 3910 4070 3910 3910 3950	3870 3940 3990 4120 4270 4050 4080 4180 4090
1 2 3 4 5 6 7 8 9 10	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3800 1950	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730 3730 312 335	3750 3680 3770 3780 3780 3790 3790 3790 3790 3790 3780	2890 2980 3530 3680 3720 3750 4500 4370 3810 3820 3780 3750 3700	1460 1560 2980 3520 3580 3580 3580 3810 3690 3730 3680 3680 3570	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3750 3650	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020	3720 3750 3800 3760 3790 3790 3560 3290 3740 3590 3590 3810	3780 3820 3860 3870 3820 3830 3870 3730 3500 3780 3810 3790 3880	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060	3820 3900 3920 4060 4160 3970 4060 3910 4070 3910 3910 3910 3950 3910	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3940 3980 4010
1 2 3 4 5 6 7 8 9 10 11 12 13 14	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3800 1950 3380	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730 312 323 1950	3750 3680 3770 3790 3780 3770 3690 3790 3790 3790 3790 3760 2610 955 2820	2890 2980 3530 3680 3720 3750 4500 4370 3810 3780 3780 3750 3750 3700 3730	1460 1560 2980 3520 3580 3580 3580 3690 3730 3680 3680 3670 3670	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3710 3650 3660	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840	3720 3750 3800 3800 3760 3790 3560 3290 3740 3590 3590 3590 360 360 360 360 360 360 360 360 360 36	3780 3820 3860 3870 3820 3830 3870 3730 3500 3780 3810 3790 3880 3720	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060 3940	3820 3900 3920 4060 4160 3970 4070 3910 3910 3950 3910 3730	3870 3940 3990 4120 4270 4050 4080 4180 4090 3940 3940 3980 4010 3810
1 2 3 4 5 6 7 8 9 10	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3800 1950	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730 3730 312 335	3750 3680 3770 3780 3780 3790 3790 3790 3790 3790 3780	2890 2980 3530 3680 3720 3750 4500 4370 3810 3820 3780 3750 3700	1460 1560 2980 3520 3580 3580 3580 3810 3690 3730 3680 3680 3570	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3750 3650	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020	3720 3750 3800 3760 3790 3790 3560 3290 3740 3590 3590 3810	3780 3820 3860 3870 3820 3830 3870 3730 3500 3780 3810 3790 3880	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060	3820 3900 3920 4060 4160 3970 4060 3910 4070 3910 3910 3910 3950 3910	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3940 3980 4010
1 2 3 4 5 6 7 8 9 10 11 12 13 14	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3800 1950 3380	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730 312 323 1950	3750 3680 3770 3780 3780 3790 3780 3790 3790 3790 3790 3760 2610 955 2820 3410	2890 2980 3530 3680 3720 3750 4500 4370 3810 3780 3750 3700 3730 3700 3160	1460 1560 2980 3520 3580 3580 3580 3690 3730 3680 3680 3670 3670	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3710 3650 3660	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840	3720 3750 3800 3800 3760 3790 3560 3290 3740 3590 3590 3590 360 360 360 360 360 360 360 360 360 36	3780 3820 3860 3870 3820 3830 3870 3730 3500 3780 3810 3790 3880 3720	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060 3940	3820 3900 3920 4060 4160 3970 4070 3910 3910 3950 3910 3730	3870 3940 3990 4120 4270 4050 4080 4180 4090 3940 3940 3980 4010 3810
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3800 1950 3380 3470	3690 3550 3550 3650 3680 3620 3580 3620 3750 3730 3730 3730 312 335 1950 3340	3750 3680 3770 3780 3780 3770 3690 3790 3790 3790 3780 3760 2610 955 2820 3410	2890 2980 3530 3680 3720 3750 4500 4370 3810 3820 3750 3750 3700 3730 3700	1460 1560 2980 3520 3580 3580 3580 3690 3730 3680 3670 3610 2400	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3710 3650 3660 3320	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020 3960 2160	3720 3750 3800 3800 3760 3790 3590 3290 3740 3590 3590 3610 696 2160 3760	3780 3820 3860 3870 3820 3830 3870 3730 37500 3780 3810 3790 3880 3720 1140	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060 3940 4340	3820 3900 3920 4060 4160 3970 4060 3910 3910 3950 3910 3950 3910 3950 3950 3960 3860	3870 3940 3990 4120 4270 4050 4090 4080 4090 3940 3980 4010 3810 3980 3920 3920
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18	3810 3790 3830 3910 3860 3860 3770 3920 3830 3810 3790 3800 1950 3380 3470 3640 3690 3800	FEBR 3690 3550 3650 3680 3620 3750 3730 3730 3730 312 335 1950 3340	3750 3680 3770 3790 3780 3770 3690 3790 3790 3790 3780 3760 2610 955 2820 3410 3530 3690	2890 2980 3530 3680 3720 3750 4500 4370 3810 3750 3750 3700 3730 3730 3730 3160 2970 3480	1460 1560 2980 3520 3580 3580 3580 3810 3690 3730 3680 3670 3610 2400	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3650 3660 3320 1750 2120 2720	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020 3960 2160 4080 4100	3720 3750 3800 3760 3790 3790 3560 3290 3740 3590 3810 624 596 2160 3760 4010	3780 3820 3860 3870 3820 3830 3870 3730 37500 3780 3810 3790 3880 3720 1140 3230 3910 4060	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060 3940 4340 4050 4010 4000	3820 3900 3920 4060 4160 3970 4060 3910 3910 3910 3950 3910 3730 3860 3860 3810	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3980 4010 3810 3980 3920 3920 3920
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	3810 3790 3830 3910 3860 3770 3920 3830 3810 3790 3880 3470 3640 3690 3790	3690 3550 3550 3650 3680 3620 3580 3620 3730 3730 3730 312 335 1950 3340 3500 3540 3690	3750 3680 3770 3780 3780 3790 3780 3790 3790 3790 3780 3760 2610 955 2820 3410 3530 3690 3760	2890 2980 3530 3680 3720 3750 4500 4370 3810 3820 3750 3700 3730 3700 3160 2970 3480 3730	1460 1560 2980 3520 3580 3580 3580 3610 3680 3670 3680 3670 3610 2400 693 1450 3480	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3650 3650 3660 3320 1750 2120 2120 2720 3630	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020 3960 2160	3720 3750 3800 3760 3790 3790 3560 3290 3740 3590 3810 624 596 2160 3760 296	3780 3820 3860 3870 3820 3830 3870 3730 3500 3780 3810 3790 3880 3720 1140 3230 3910 4060 3110	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4060 3940 4340 4050 4010 4000 3810	3820 3900 3920 4060 4160 3970 4060 3910 4070 3910 3910 3730 3730 3780 3860 3860 3860 3860 3630	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3980 4010 3810 3980 3920 3920 3920 3920 3920
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18	3810 3790 3830 3910 3860 3860 3770 3920 3830 3810 3790 3800 1950 3380 3470 3640 3690 3800	FEBR 3690 3550 3650 3680 3620 3750 3730 3730 3730 312 335 1950 3340	3750 3680 3770 3790 3780 3770 3690 3790 3790 3790 3780 3760 2610 955 2820 3410 3530 3690	2890 2980 3530 3680 3720 3750 4500 4370 3810 3750 3750 3700 3730 3730 3730 3160 2970 3480	1460 1560 2980 3520 3580 3580 3580 3810 3690 3730 3680 3670 3610 2400	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3650 3660 3320 1750 2120 2720	3860 3880 3900 3900 3870 3860 3940 3850 3760 3840 3850 3870 4020 3960 2160 4080 4100	3720 3750 3800 3760 3790 3790 3560 3290 3740 3590 3810 624 596 2160 3760 4010	3780 3820 3860 3870 3820 3830 3870 3730 37500 3780 3810 3790 3880 3720 1140 3230 3910 4060	3940 4010 4090 4350 4410 4160 4120 4360 4250 4140 4010 4020 4060 3940 4340 4050 4010 4000	3820 3900 3920 4060 4160 3970 4060 3910 3910 3910 3950 3910 3730 3860 3860 3810	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3980 4010 3810 3980 3920 3920 3920
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1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	3810 3790 3830 3910 3860 3860 3770 3920 3830 3810 3790 3690 3640 3790 3690 3640 3740 3740 3740 3740 3740 3740 3740 37	FEBF 3690 3550 3550 3680 3620 3580 3620 3730 3730 3730 3730 312 335 1950 3340 3400 3500 3140 3640 3580 283 263 1200 449	3750 3680 3770 3790 3780 3790 3780 3790 3790 3790 3790 3780 3760 2610 955 2820 3410 3530 3600 3690 3760 3440 3470 3760 3690 3760 3690 3760 3690 3760 3760 3760 3760 3760 3760 3760 376	2890 2980 3530 3680 3720 3750 4500 4370 3810 3750 3700 3730 3730 3480 3730 3840 3940 3940 3990 3910 3790 3890 3700 3700 3700	1460 1560 2980 3520 3580 3580 3810 3630 3730 3680 3670 3610 2400 693 1450 3620 3820 3810 3820 3810 3730 3640 3640 3640 3640 3680 3680 3720	2160 2300 3340 3610 3640 3670 3760 3920 3740 3780 3750 3650 3650 3660 3320 1750 2120 2720 3630 3730 3850 3880 3880 3880 3710	3860 3880 3900 3870 3870 3850 3760 3840 3850 3760 4020 4090 4010 3900 4050 4150 4020 4090 4070 4010 3860 3870 3860 3870	3720 3750 3800 3760 3790 3590 3290 3540 3590 3810 624 596 2160 3760 3750 3820 3900 3780 3900 3780 3940 3980	3780 3820 3860 3870 3820 3830 3870 3730 37500 3780 3810 3790 3880 3720 1140 3230 3910 4060 3110 3860 3980 4010 3980 4010 3980 4010 3780 3780 3780 3780	3940 4010 4090 4350 4410 4120 4360 4250 4140 4010 4020 4060 3940 4340 4050 4010 3810 3870 3810 3870 3810 3870 3810 3870 3810 3870 3810 3870 3810 3810 3810 3810 3810 3810 3810 381	3820 3900 3920 4060 4160 3970 4060 3910 3910 3910 3950 3910 3730 3780 3860 3860 3830 3620 3620 3800 3700 3700 3860 3860 3860 3860 3790	3870 3940 3990 4120 4270 4050 4090 4080 4180 4090 3940 3980 4010 3810 3980 3920 3920 3920 3920 3650 3830 3750 3840 3890 3840 3890 3890 3780 3780 3780 3780 3780 3780 3780 378

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNI	3		JULY			AUGUS'	г		SEPTE	MBER
1	3840	3490	3750	3840	3690	3760	3120	1370	2330	3610	3510	3550
2	3830	3760	3790	3840	3700	3770	3780	2160	3380	3610	575	1910
3	3790	3430	3660	3840	3750	3800	3880	2610	3650	3810	2880	3520
4	3790	3650	3740	3860	3720	3780	3640	3380	3500	3940	2400	3640
5	3670	3490	3580	3870	3660	3760	3420	3300	3370	3390	1770	2520
6	3710	3620	3660	3860	3740	3790	3470	3340	3410	4070	3360	3740
7	3750	3670	3720	3850	3610	3720	3420	3300	3360	4090	3580	4020
8	3870	3740	3790	3850	3280	3610	3450	3250	3360	4290	3460	4090
9	3870	3800	3830	3630	3480	3570	3490	3320	3430	4300	3500	4160
10	3850	3730	3790	3600	3270	3410	3410	3210	3340	4310	3550	4180
11	3810	3780	3790	3590	3280	3420	3480	3270	3410	4030	3440	3900
12	3830	3790	3820	3820	3590	3690	3510	3350	3450	3930	3560	3800
13	3880	3770	3810	3870	3750	3810	3610	3480	3540	3960	3710	3820
14	3960	3850	3900	3870	3730	3780	3610	3480	3560	3960	3880	3930
15	4000	3910	3940	3800	3560	3750	3650	3500	3570	3940	3840	3900
16	4020	3760	3910	3930	2230	3520	3580	606	2280	3960	3840	3900
17	4050	3950	4000	3400	2630	3010	2540	606	1630	3980	3460	3820
18	4050	3810	3880	3490	3330	3410	3420	2540	3060	3930	3820	3870
19	3910	3680	3810	3500	932	2150	3670	447	2980	3920	3790	3840
20	3680	3540	3610	3360	2080	2850	1490	614	972	4000	3240	3910
21	3620	3510	3570	3480	3320	3370	3180	1490	2520	4120	3320	4010
22	3580	3490	3530	3640	3480	3580	3580	3180	3400	4140	3700	4100
23	3520	3420	3460	4260	3480	3810	3670	3570	3620	4120	3760	3940
24	3480	3410	3440	3990	732	2930	3920	3630	3790	4160	3880	4070
25	3570	3350	3410	3180	832	2170	3970	3680	3830	4300	4160	4220
26	3560	3200	3350	3120	1530	2400	3910	1930	3040	4270	3840	4210
27	3470	3200	3370	3600	3120	3420	2790	1660	2060	4280	3600	4080
28	3610	3340	3480	3660	3530	3590	3290	2790	3120	4310	3720	4130
29	3670	3530	3600	3740	3580	3670	3580	3290	3450	4370	3740	4300
30	3810	3660	3720	3800	3570	3680	3720	3540	3610	4400	4300	4350
31				3830	670	2230	3730	3490	3600			
MONTH	4050	3200	3690	4260	670	3390	3970	447	3150	4400	575	3850

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEME	BER		JANU	JARY
1	23.0	16.0	19.0	18.0	13.0	15.0				13.5	8.0	10.5
2	18.5	15.0	16.5	18.0	11.5	14.5				14.0	7.5	10.5
3	23.0	14.5	18.0	17.0	10.5	13.5	17.0	11.5	13.5	15.0	9.0	11.5
4	23.5	15.0	18.5	18.0	10.5	13.5	16.5	10.5	13.0	14.5	8.5	11.5
5	25.0	15.5	19.5	18.5	10.0	13.5	16.0	10.0	12.5	14.5	8.5	11.0
6	25.0	16.0	20.0	18.5	10.0	14.0	16.5	11.0	13.5	12.5	9.0	10.5
7	25.5	16.5	20.5	16.5	11.5	14.0	16.5	12.0	13.5	15.5	10.0	12.5
8	26.0	16.5	21.0	17.0	13.5	15.5	16.0	10.0	12.5	16.5	11.5	13.5
9	25.5	16.5	20.5	19.5	13.5	16.5	13.5	9.0	11.0	16.0	10.5	13.0
10	24.5	16.5	20.0	19.0	12.0	15.0	14.5	8.5	11.5	15.0	12.5	13.5
11	24.0	16.5	20.0	17.5	12.5	14.5	15.5	10.5	12.5	16.5	10.5	13.0
12	21.5	17.0	19.0	18.0	11.0	14.0	14.5	9.0	11.5	15.5	10.5	12.5
13	23.5	15.0	18.5	18.5	12.0	14.5	14.5	9.5	11.5	16.0	9.5	12.5
14	23.0	15.0	19.0	18.5	11.5	14.5	15.0	9.5	12.0	15.5	9.0	12.0
15	22.5	14.5	18.0	18.0	11.5	14.0	14.0	11.0	12.5	15.5	9.0	12.0
16	23.5	14.5	19.0	17.5	10.0	13.5	14.0	11.0	12.0	16.0	8.5	12.0
17	20.0	17.0	18.5	17.0	11.5	13.5	14.0	9.5	11.5	16.0	9.0	12.0
18	23.0	15.0	18.5	17.0	10.0	13.0	12.0	8.0	9.5	16.5	9.5	12.5
19	23.0	15.0	18.5	17.0	9.5	13.0	12.5	7.0	9.5	16.0	9.0	12.0
20	23.0	15.5	18.5	17.5	11.0	14.0	10.5	8.5	9.5	15.5	9.0	12.0
21	22.5	14.5	18.0	18.5	11.5	14.5	10.5	8.5	9.5	16.0	9.0	12.0
22	22.5	15.0	18.0	18.0	11.5	14.5	12.0	7.5	9.5	16.5	9.5	12.5
23	22.0	14.5	17.5	18.0	11.5	14.5	12.0	8.0	10.0	16.5	10.5	13.0
24	21.5	14.0	17.5	18.0	11.5	14.0	12.0	7.0	9.5	17.0	10.0	13.0
25	21.5	14.5	17.5	13.5	10.0	12.0	12.0	6.5	9.0	17.5	10.0	13.5
26	18.5	16.0	17.0	13.5	8.5	11.0	12.0	6.5	9.0	17.5	10.5	13.5
27	21.0	16.0	18.0	14.5	8.5	11.0	12.5	6.5	9.0	17.5	10.5	13.5
28	21.5	15.0	17.5	15.0	9.0	12.0	12.5	6.5	9.5	18.0	10.5	13.5
29	21.0	13.5	16.5	16.5	11.0	13.5	13.5	8.5	10.5	17.5	10.5	13.5
30	20.5	13.0	16.5				13.0	7.5	10.0	18.0	10.5	13.5
31	21.0	13.5	16.5				14.0	8.5	11.0	18.5	11.0	14.5
MONTH	26.0	13.0	18.4							18.5	7.5	12.5

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAV	MAV	MIN	MEAN	MAY	MTN	MEAN	MAY	MIN	MEAN	MAY	MTN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBR	UARY		MAR	.CH		APR	LIL		M	IAY
1	18.5	12.0	15.0	15.5	10.0	12.0	23.0	15.0	18.5	24.0	15.5	19.5
2	14.0	9.5		17.0		12.5		12.5		22.5	15.5	19.0
3 4	15.5 15.0		11.0 11.0	16.0 16.0		12.5 13.0	20.5 19.5	10.5 11.5	15.0	22.5 24.5	15.5 14.5	18.5 19.0
5	13.5		10.0			14.0		11.5			16.0	20.0
6	13.5	6.5	9.5	19.5	11.0	14.5	21.5	11.0	16.0	25.5	16.0	20.0
7		6.0	9.0			15.5			16.5			19.0
8			9.5			16.0			17.5	21.5	15.0	17.5
9			10.0			17.0		13.5			13.0	17.5
10	14.5	6.5	10.0	22.0	13.0	17.5	25.0	15.0	19.5	24.5	15.0	19.5
	14.5		11.5			18.0			19.5		16.0	20.5
	13.0		12.0	23.0		18.0			20.0		16.5	21.0
13 14			12.5 15.0			18.0 18.0	23.5	15.0 14.5	17.0		18.5 18.5	21.0 20.5
			15.5			16.0	20.5		16.5	27.0		21.0
1.0	10 5	12 5	15.5	17 5	12 5	15.0	22.0	12 5	18.0	20.0	10.0	22.0
			14.5	17.5 17.5		15.0 14.0			17.5		19.0 19.5	23.0 21.5
	17.5		14.5	18.5		13.5		13.5	16.0	28.0	18.0	22.5
19	17.5		13.5	19.0	10.5	14.5			17.5		17.0	22.0
20	18.0	13.0	15.0	21.5	12.0	16.0	24.0	14.5	19.0	28.5	18.0	23.0
21	19.0	11.0	14.5	21.5	12.5	16.5	22.5	16.5	19.0	30.0	19.0	24.0
22			14.0	22.5	13.0	17.5			16.0		19.5	24.5
	18.0		14.0	23.5		18.0			18.0		20.5	24.0
			14.5	22.5		18.0		15.0		29.5	20.0	24.5
25	14.5	11.0	13.5	23.5	14.5	18.5	23.0	14.0	18.0	30.0	20.5	24.5
26	14.5	10.0	12.0	23.0	15.0	18.5	24.0	13.5	18.5		20.0	25.0
			12.5			16.0		15.0			21.0	26.0
28 29	12.5	8.0	10.5		11.0 10.5	14.0 15.5	22.0 23.0		17.5 17.5	32.0 31.0	22.0 23.5	26.5 26.5
30				23.0	12.5	17.0			18.0	31.0	22.0	26.3
31				24.0	14.0	18.5				31.5	22.0	26.0
MONTH	19.0	6.0	12.6	24.0	8.5	15.9	25.0	10.5	17.5	32.0	13.0	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX			MAX			MAX			MAX		
DAY	MAX	MIN JUN		MAX	MIN JULY		MAX	MIN AUGUS		MAX	MIN SEPTE	
1	32.5	JUN:	E 26.5	30.0	JULY 19.5	24.5	27.5	AUGUS	г 26.5	33.5	SEPTE	MBER 28.5
1 2	32.5 32.0	JUN: 21.5 22.0	E 26.5 26.5	30.0 31.5	JULY 19.5 20.0	24.5 25.0	27.5 32.0	AUGUS' 24.5 23.0	26.5 27.0	33.5 31.5	SEPTE 24.0 24.5	MBER 28.5 28.0
1	32.5 32.0 32.0	JUN 21.5 22.0 21.5	E 26.5	30.0	JULY 19.5 20.0 21.0	24.5	27.5 32.0 32.5	AUGUS' 24.5 23.0 23.5	г 26.5	33.5 31.5	SEPTE	MBER 28.5 28.0
1 2 3	32.5 32.0 32.0 32.0	JUN: 21.5 22.0 21.5 22.0	26.5 26.5 26.0	30.0 31.5 33.0 33.0	JULY 19.5 20.0 21.0 22.0	24.5 25.0 26.5	27.5 32.0 32.5 33.0	AUGUS' 24.5 23.0 23.5 23.0	26.5 27.0 27.5	33.5 31.5 32.5	SEPTE 24.0 24.5 25.0	MBER 28.5 28.0 28.0
1 2 3 4	32.5 32.0 32.0 32.0 32.0	JUN 21.5 22.0 21.5 22.0 21.0	26.5 26.5 26.0 26.5	30.0 31.5 33.0 33.0 33.5	JULY 19.5 20.0 21.0 22.0	24.5 25.0 26.5 27.0 27.5	27.5 32.0 32.5 33.0 32.0	AUGUS' 24.5 23.0 23.5 23.0 22.5	26.5 27.0 27.5 27.5 26.5	33.5 31.5 32.5 32.5 33.0	SEPTE 24.0 24.5 25.0 23.5 24.0	MBER 28.5 28.0 28.0 27.0 27.5
1 2 3 4 5	32.5 32.0 32.0 32.0 30.5	JUN: 21.5 22.0 21.5 22.0 21.0	26.5 26.5 26.0 26.5 25.5	30.0 31.5 33.0 33.0	JULY 19.5 20.0 21.0 22.0 22.5	24.5 25.0 26.5 27.0	27.5 32.0 32.5 33.0 32.0	AUGUS' 24.5 23.0 23.5 23.0	26.5 27.0 27.5 27.5 26.5	33.5 31.5 32.5 32.5 33.0	SEPTE 24.0 24.5 25.0 23.5	MBER 28.5 28.0 28.0 27.0
1 2 3 4 5	32.5 32.0 32.0 32.0 30.5 32.0 32.0 31.5	JUNE 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0	26.5 26.5 26.0 26.5 25.5 25.5 26.0 26.0	30.0 31.5 33.0 33.0 33.5 32.0 32.5 32.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 22.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0	MBER 28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5
1 2 3 4 5 6 7 8 9	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0 21.5	26.5 26.5 26.0 26.5 25.5 25.5 26.0 26.0 24.5	30.0 31.5 33.0 33.5 32.0 32.5 32.5 34.0	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5	SEPTE 24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0
1 2 3 4 5	32.5 32.0 32.0 32.0 30.5 32.0 32.0 31.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0 21.5	26.5 26.5 26.0 26.5 25.5 25.5 26.0 26.0	30.0 31.5 33.0 33.0 33.5 32.0 32.5 32.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5
1 2 3 4 5 6 7 8 9	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 22.0 21.5	26.5 26.5 26.0 26.5 25.5 25.5 26.0 26.0 24.5 23.0	30.0 31.5 33.0 33.5 32.0 32.5 32.5 34.0 34.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5	24.5 25.0 26.5 27.0 27.5 26.5 26.5 26.5 27.5 28.0	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.0 33.5	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 25.5 27.0 28.0 28.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0	MBER 28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.0 23.0 23.5
1 2 3 4 5 6 7 8 9 10 11 12	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0 21.5 19.5	26.5 26.5 26.0 26.5 25.5 25.5 25.5 26.0 24.5 23.0	30.0 31.5 33.0 33.5 32.0 32.5 32.5 34.0 34.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5	24.5 25.0 26.5 27.0 27.5 26.5 26.5 26.5 27.5 28.0 28.0 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 33.5	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 24.5 25.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13	32.5 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 30.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5	26.5 26.5 26.5 26.5 25.5 25.5 26.0 26.0 24.5 23.0 24.5 24.0	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5	JULY 19.5 20.0 21.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5	24.5 25.0 26.5 27.0 27.5 26.5 26.5 28.0 28.0 27.5 28.0 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 33.5 31.0 32.5	AUGUS' 24.5 23.0 23.5 23.0 22.5 21.5 22.5 24.0 24.5 24.5 25.0 23.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 27.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 20.5	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 23.5 24.5 23.5
1 2 3 4 5 6 7 8 9 10 11 12	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0 21.5 19.5	26.5 26.5 26.0 26.5 25.5 25.5 25.5 26.0 24.5 23.0	30.0 31.5 33.0 33.5 32.0 32.5 32.5 34.0 34.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5	24.5 25.0 26.5 27.0 27.5 26.5 26.5 26.5 27.5 28.0 28.0 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 33.5	AUGUS' 24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 24.5 25.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 30.0 31.5 31.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5	26.5 26.5 26.5 26.5 25.5 25.5 25.5 26.0 24.0 24.5 23.0 24.0 24.5 24.0 25.0	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 33.5 32.5 33.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 28.0 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0	24.5 23.0 23.5 23.0 22.5 22.5 24.0 24.5 24.5 24.5 24.5 23.0 23.5 23.0	26.5 27.0 27.5 27.5 26.5 25.5 27.0 28.0 28.0 27.0 27.0 26.5 26.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 28.0 29.5	SEPTE: 24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.5 24.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	32.5 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 31.5 31.5 31.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 19.5	26.5 26.5 26.5 26.5 25.5 25.5 26.0 26.0 24.5 23.0 24.0 24.5 24.0 25.0 25.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 33.5 32.5 33.5 32.5 33.5	JULY 19.5 20.0 21.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 33.5 31.0 32.5 31.0 31.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 21.5 22.5 24.0 24.5 25.0 23.5 24.5 25.0 23.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 26.5 26.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 28.0 29.0 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 24.5 23.5 24.5 23.0 24.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 20.0 21.5 19.5	26.5 26.5 26.0 26.5 25.5 25.5 25.5 24.0 24.5 23.0 24.0 24.5 24.0 25.5 25.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 33.5 32.5 33.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.5 23.5 23.5 23.5 23.5	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 28.0 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0	24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 24.5 25.0 23.5 24.0 23.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 28.0 28.0 28.5 28.0 27.0 27.0 27.0 27.0 27.5 26.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.5 27.5 28.5	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0 19.5 20.0 20.5 18.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.5 23.0 24.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	32.5 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 31.5 31.5 31.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 20.0 21.5 20.0 21.5	26.5 26.5 26.5 26.5 25.5 25.5 26.0 26.0 24.5 23.0 24.0 24.5 24.0 25.0 25.5	30.0 31.5 33.0 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5	JULY 19.5 20.0 21.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 33.5 31.0 32.5 31.0 31.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 21.5 22.5 24.0 24.5 25.0 23.5 24.5 25.0 23.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 26.5 26.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 28.0 29.0 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 24.5 23.5 24.5 23.0 24.0
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 30.0 31.5 31.5 32.5 30.5	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 20.0 21.5 20.0 21.5	26.5 26.5 26.5 26.0 26.5 25.5 25.5 26.0 24.0 24.5 23.0 24.0 25.0 25.0 25.5 25.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 33.5 32.5 33.5 32.5 33.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.5 23.0 23.5 23.0	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5	24.5 23.0 23.5 23.0 22.5 22.5 22.5 24.0 24.5 24.5 25.0 23.0 23.5 24.0 23.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 26.5 27.0 27.0 26.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 28.0 29.5 29.5	24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 20.5	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 24.5 23.5 24.5 23.5 24.5 23.0 24.0 20.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	32.5 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 31.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.0 26.5 25.5 26.0 24.5 23.0 24.5 24.0 25.0 25.5 25.5 26.0 24.5 24.0 25.5 23.0	30.0 31.5 33.0 33.5 32.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32	JULY 19.5 20.0 21.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 25.5 25.0	24.5 25.0 26.5 27.0 27.5 26.5 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0	AUGUS' 24.5 23.0 23.5 23.0 22.5 21.5 22.5 24.0 24.5 25.0 23.0 23.5 24.0 26.0 26.0 25.5 24.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 27.0 27.0 26.5 26.5 27.0 27.0 27.0 26.5 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 29.0 29.5 27.5 28.5 28.5	SEPTE: 24.0 24.5 25.0 23.5 24.0 23.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 21.5 20.0 21.5 20.0 21.5 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 24.5 23.5 24.5 23.0 24.0
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	32.5 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 32.5 30.0 31.5 32.9	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 19.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.5 25.5 25.5 26.0 24.5 23.0 24.0 24.5 24.0 25.0 25.5 25.5 26.5 23.0 23.5 23.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 33.5 32.5 33.5 32.5 33.5 32.5 33.5	JULY 19.5 20.0 21.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 25.5 25.0 26.0	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 33.5 31.0 32.5 31.0 32.5 31.0 32.5 34.0 34.5 34.5 31.5	AUGUS' 24.5 23.0 23.5 23.0 22.5 21.5 22.5 24.0 24.5 25.0 23.5 24.0 26.0 25.5 24.5 24.5 24.0 25.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 27.0 27.0 26.5 27.0 26.5 29.5 29.5 27.0 25.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 29.0 29.5 27.5 28.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 18.5 19.5 20.0 18.5 17.5 18.5	28.5 28.0 28.0 27.0 27.5 27.5 22.5 22.5 22.0 23.0 24.5 23.5 24.0 22.0 20.5 22.0 23.5
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 32.5 30.5 26.0 29.0 29.0 29.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.5 25.5 25.5 25.5 26.0 24.5 23.0 24.0 24.5 24.0 25.5 25.5 25.5 25.5 23.0 25.5 25.5 23.0	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 25.5 26.0	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0	24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 25.0 23.5 24.5 25.0 23.5 24.5 25.0 23.5 24.5 25.0 23.5 24.5 25.0 23.5 25.0 23.5 25.0 24.5 25.0 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 27.0 27.0 26.5 27.5 29.5 29.5 29.5 27.5 27.5 27.5 27.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.0 29.5 27.5 28.5 29.0 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 19.5 20.0 20.5 18.0 19.5 20.0 19.5 20.0 19.5 20.0 19.5 20.0 19.5 20.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.5 24.0 24.0 22.0 22.0 23.5 24.5 23.5 24.0
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 31.5 31.5 32.5 30.0 31.5 29.0 29.0	21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.0 26.5 25.5 25.5 26.0 24.0 24.5 23.0 24.0 25.0 25.5 26.0 23.0 24.5 23.0 25.5 23.0 25.5 26.0 26.5 23.0 25.5 26.0 26.5 23.0 26.5 23.0 26.5 23.0 26.5 26.5 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	30.0 31.5 33.0 33.5 32.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 25.5 25.0 26.0 26.0	24.5 25.0 26.5 27.0 27.5 26.5 26.5 27.5 28.0 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 32.0 33.5 31.0 32.5 31.0 31.5 34.0 34.5 31.5 31.5 31.5	24.5 23.0 23.5 23.0 22.5 22.5 24.0 24.5 24.5 23.0 23.5 24.0 23.5 24.0 25.5 24.0 26.0 25.5 24.0 26.0 27.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28	26.5 27.0 27.5 27.5 26.5 25.5 27.0 28.0 28.0 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.5 27.5 28.5 28.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 23.5 24.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 19.5 20.0 18.5 18.5 18.5 18.5	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 24.5 24.5 23.5 24.5 23.5 24.0 20.5 22.0 23.5
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 32.5 30.5 26.0 29.0 29.0 29.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.5 21.0 21.5 19.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.5 25.5 25.5 25.5 26.0 24.5 23.0 24.0 24.5 24.0 25.5 25.5 25.5 25.5 26.5 25.5 23.0 25.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 25.5 25.0 25.6 25.0 26.0	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.5 31.5 33.5 33.5	24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 24.5 25.0 23.5 24.0 23.5 24.0 23.5 24.0 25.5 24.0 25.5 24.0 25.5 25.5 26.0	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.0 29.5 27.5 28.5 29.0 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 19.5 20.0 20.5 18.0 19.5 20.0 19.5 20.0 19.5 20.0 19.5 20.0 19.5 20.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.5 24.0 22.0 22.0 23.5 24.0 24.0
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 29.5 30.0 31.5 31.5 32.5 30.5 26.0 29.0 29.0 29.0 29.0 29.0 30.0	JUN: 21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 20.0 21.5 20.0 21.0 21.0 19.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.0 26.5 25.5 25.5 26.0 24.5 23.0 24.5 24.0 25.0 25.5 25.5 26.5 23.0 25.5 25.5 24.0 25.0 25.5	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 33.5 33.5 33.5 33.5 33.5 33	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 25.5 25.0 26.0 26.0 25.5 26.0 26.0 25.5	24.5 25.0 26.5 27.0 27.5 26.5 26.0 26.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 28.5 28.5 29.0 30.0 29.5 29.5 29.5 29.5 29.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 31.5 34.5 31.5 33.5 31.5 33.5 31.7	24.5 23.0 23.5 23.0 22.5 22.5 22.5 24.5 24.5 24.5 25.0 23.5 24.5 24.5 25.5 24.0 25.5 24.0 25.5 24.5 24.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.5 29.5 29.5 29.5 27.0 27.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.5 27.5 28.5 29.0 29.5 29.5 29.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 20.5 18.0 15.5 17.5 18.5 18.5 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 24.5 23.5 24.5 23.5 24.5 23.5 24.5 23.5 24.0 22.0 22.0 23.5 24.0 25.5 22.0 23.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	32.5 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 32.5 29.0 29.0 29.0 29.0 29.0 29.0 30.0	21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.0 26.5 25.5 25.5 26.0 24.5 23.0 24.0 25.0 25.5 24.0 25.5 23.0 23.5 23.5 23.5 23.5 23.5 23.5 23.5	30.0 31.5 33.0 33.5 32.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 33.5 32.5 32.5 33.6 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 25.0 26.0 25.5 26.0 26.0 25.5	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 29.0 30.0 29.5 29.5 29.5 29.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0	24.5 23.0 23.5 23.0 22.5 22.5 22.5 24.5 24.5 24.5 24.5 23.0 23.5 23.5 24.0 26.0 25.5 24.5 24.5 24.5 24.5 25.5 24.5	26.5 27.0 27.5 27.5 26.5 25.5 27.0 28.0 28.0 27.0 26.5 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 29.0 29.5 27.5 28.5 29.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 20.5 18.0 19.5 20.0 20.5 18.5 17.5 18.5 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.5 22.3 23.0 24.5 23.5 23.5 24.0 23.5 24.0 25.5 23.5 23.0 24.0
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 28.5 30.0 31.5 31.0 31.5 32.5 30.5 26.0 29.0 29.0 29.0 29.0 30.0 30.0	21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 20.0 20.0 19.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.5 25.5 25.5 25.5 26.0 24.0 24.5 24.0 25.5 25.5 23.0 24.5 24.0 25.5 25.5 24.0 25.5 24.0 25.5 24.0 25.5 24.0 25.5 24.0 25.5 26.0 27.0	30.0 31.5 33.0 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.5 25.0 26.0 26.0 26.5 26.0 26.5 26.5 25.0 25.5	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 28.0 27.5 28.5 29.0 30.0 30.0 29.5	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 34.5 31.5 34.0 34.5 31.5 33.5 31.5 33.5	24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 24.5 24.5 25.0 23.5 24.0 25.5 24.5 24.0 25.5 24.0 26.0 27.5 28.5 28.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 28.0 27.0 27.0 27.0 27.0 27.0 27.0 27.5 29.5 29.5 29.5 27.5 29.5 27.5 29.5 27.5 28.0 28.0 27.0 27.5 28.0 27.0 27.5 28.0 27.5 28.0 27.0 27.5 28.0 27.5 28.0 27.5 28.0 27.5 28.0 27.5 28.0 27.5 28.0 27.5 27.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	33.5 31.5 32.5 32.5 33.0 29.5 27.0 26.5 28.5 29.0 29.0 29.5 27.5 28.5 29.0 29.5 29.5 29.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 22.5 20.0 20.5 19.0 19.5 20.0 19.5 18.0 19.5 18.5 18.5 18.5 18.5 18.5 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.0 24.0 23.5 22.0 23.5 24.0 23.5 22.0 23.5 24.5 23.5 24.0 25.5 22.0 23.5 24.0 25.5 25.5 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	32.5 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.0 31.5 32.5 29.0 29.0 29.0 29.0 29.0 29.0 30.0	21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 22.0 21.0 21.5 20.0 20.0 19.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.0 26.5 25.5 25.5 26.0 24.5 23.0 24.0 25.0 25.5 24.0 25.5 23.0 23.5 23.5 23.5 23.5 23.5 23.5 23.5	30.0 31.5 33.0 33.5 32.5 32.5 32.5 34.0 34.5 33.5 32.5 32.5 33.5 32.5 32.5 33.6 33.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 25.0 26.0 25.5 26.0 26.0 25.5	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.5 29.0 30.0 29.5 29.5 29.5 29.5 27.5	27.5 32.0 32.5 33.0 32.0 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0	24.5 23.0 23.5 23.0 22.5 22.5 22.5 24.5 24.5 24.5 24.5 23.0 23.5 23.5 24.0 26.0 25.5 24.5 24.5 24.5 24.5 25.5 24.5	26.5 27.0 27.5 27.5 26.5 25.5 27.0 28.0 28.0 27.0 26.5 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 30.0 29.0 29.5 27.5 28.5 29.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 22.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 20.5 18.0 19.5 20.0 20.5 18.5 17.5 18.5 18.5 19.0	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.5 22.3 23.0 24.5 23.5 23.5 24.0 23.5 24.0 25.5 23.5 23.0 24.0
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	32.5 32.0 32.0 32.0 30.5 32.0 31.5 28.5 28.5 29.5 30.0 31.5 31.5 32.5 30.5 26.0 29.0 29.0 29.0 29.5 30.0	21.5 22.0 21.5 22.0 21.0 21.5 22.0 21.5 22.0 21.5 20.0 21.5 20.0 21.5 20.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	26.5 26.5 26.5 26.5 25.5 25.5 25.5 26.0 24.5 23.0 24.5 24.0 25.5 25.5 25.5 23.0 23.5 25.5 25.5 26.5 25.5 26.5 25.5 26.5 27.0 27.0 26.5 27.0 26.5 27.0 26.5 27.0 26.5 27.0 27.0 26.0 27.0 26.0 27.0 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	30.0 31.5 33.0 33.5 32.5 32.5 34.0 34.5 33.5 32.5 33.5 33.5 33.5 33.5 33.5 33	JULY 19.5 20.0 21.0 22.0 22.5 21.5 20.5 21.5 22.0 22.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 25.0 26.0 26.0 26.0 25.5 26.0 26.0 25.5 26.0 26.0 25.5 26.0	24.5 25.0 26.5 27.0 27.5 26.0 26.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27	27.5 32.0 32.5 33.0 32.0 30.5 30.5 32.0 33.5 31.0 32.5 31.0 32.5 31.0 32.5 31.0 32.5 31.5 31.5 33.5 31.5 31.5 33.7 33.5	24.5 23.0 23.5 23.0 22.5 22.5 21.5 22.5 24.0 23.0 23.0 23.5 24.5 24.5 25.0 23.5 24.5 24.5 24.5 23.5 24.5 23.5 24.5 24.5 24.5 24.5 25.5 24.5 24.5 25.5 26.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	26.5 27.0 27.5 27.5 26.5 25.5 25.5 27.0 28.0 27.0 27.0 26.5 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.0 27.0 26.5 27.5 29.5 29.5 27.0 28.0 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5	33.5 31.5 32.5 32.5 33.0 32.0 29.5 27.0 26.5 28.5 29.0 29.0 29.5 27.5 28.5 29.0 29.5 27.5 28.5 29.0 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5	24.0 24.5 25.0 23.5 24.0 23.5 20.0 18.5 19.0 20.5 18.0 19.5 20.0 20.5 18.5 18.5 18.5 18.5 18.5 19.0 20.5 20.0 20.5 20.0 20.0 20.0 20.0 20	28.5 28.0 28.0 27.0 27.5 27.0 25.5 22.5 22.0 23.0 23.5 24.5 23.5 23.5 24.0 22.0 22.0 22.0 23.5 24.0 25.5 22.0 23.0

094196784 LAS VEGAS WASH AT VEGAS VALLEY DRIVE NEAR LAS VEGAS, NV

 $LOCATION.--Lat\ 36^{\circ}08'13'',\ long\ 115^{\circ}02'16'',\ in\ NE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.10,\ T.21\ S.,\ R.62\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010015,\ at\ junction\ of\ Las\ Vegas\ Wash\ and\ Vegas\ Valley\ Drive.$

DRAINAGE AREA.--1,019 mi².

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water stage recorder. Elevation of gage is 1,690 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, July 8, 1999, gage height, 11.22 ft; minimum daily, 7.0 ft³/s, January 2, 2000. Maximum daily precipitation, 0.98 inches, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,390 ft³/s, August 19, gage height, 2.46 ft; minimum daily, 9.5 ft³/s, October 13. Maximum daily precipitation, 0.80 inches, February 25.

		DIS	SCHARGE,	CUBIC FEET		OND, WATER DAILY MEAN		OBER 2002	TO SE	PTEMBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	12	146	12	e15	e50	e23	15	e14	13	57	e17
2	22	12	16	12	e14	e30	e14	15	e15	13	e15	e150
3	15	12	14	13	e15	e20	e16	15	14	13	e15	e20
4	10	12	14	13	e15	e20	e20	14	14	12	e15	e30
5	10	12	13	13	e14	e25	e18	13	14	12	e15	e35
6	9.7	12	13	13	e13	e20	e19	e14	15	14	e15	e15
7	9.8	13	13	13	e13	e20	e20	e14	18	15	e14	e14
8	9.9	15	13	18	e12	e17	e21	e15	18	15	e15	e14
9	9.7	11	14	16	e13	e17	e19	e16	20	13	e14	e13
10	9.9	11	14	14	e15	e18	e20	e16	18	14	e15	e13
11	9.7	11	15	14	43	e19	e22	e15	18	e15	e15	e12
12	9.7	11	14	14	243	e18	e20	e14	18	e16	e15	e11
13	9.5	11	13	13	186	e18	e11	e15	17	e15	e14	e11
14	10	11	12	14	41	e19	e34	e14	17	e16	e16	e11
15	10	11	12	15	e15	e18	e267	e14	15	e16	e20	e12
16	11	12	12	13	e15	e147	e17	e13	17	e16	e150	e12
17	11	13	12	14	e15	e32	e14	e14	15	e17	e140	e11
18	11	11	12	13	e17	e28	e14	e14	16	e16	e10	e12
19	11	12	12	13	e17	e21	e20	e14	18	95	467	e12
20	11	12	13	13	e16	e17	e15	e14	18	e17	309	e11
21	11	12	13	13	e18	e19	e16	e14	17	e16	331	e11
22	11	12	16	13	e17	e18	e11	13	18	e15	e20	e12
23	12	12	13	14	e17	e18	e14	13	18	e14	e19	12
24	12	12	13	14	e30	e20	e12	14	17	20	e15	14
25	12	11	13	14	e250	e21	14	13	15	23	e15	e13
26	67	12	13	14	e600	e21	15	13	15	e14	e45	e13
27	100	12	13	14	e60	e21	16	13	14	e15	e45	e12
28	21	12	13	14	e50	e28	16	15	13	e15	e20	e12
29	14	12	13	e13		e27	18	17	13	e15	e17	e12
30	13	77	12	e13		e24	18	15	12	e18	e17	11
31	13		12	e14		e20		15		143	e17	
TOTAL	506.9	421	541	423	1789	811	774	443	481	681	1907	558
MEAN	16.4	14.0	17.5	13.6	63.9	26.2	25.8	14.3	16.0	22.0	61.5	18.6
MAX	100	77	146	18	600	147	267	17	20	143	467	150
MIN	9.5	11	12	12	12	17	11	13	12	12	10	11
AC-FT	1010	835	1070	839	3550	1610	1540	879	954	1350	3780	1110
Ť	0.36	0.12	0.00	0.04	2.12	0.36	0.52	0.00	0.00	0.44	0.08	0.28
STATIST	rics of Mo	ONTHLY MEA	N DATA F	OR WATER Y	EARS 1999	9 - 2003,	BY WATER Y	YEAR (WY)				
MEAN	15.8	12.1	12.4	14.7	55.0	19.5	14.8	11.8	12.7	36.8	30.1	14.1
MAX	26.5	14.0	17.5	26.5	73.8	26.2	25.8	14.3	16.0	125	61.5	18.6
(WY)	2001	2003	2003	2001	2000	2003	2003	2003	2003	1999	2003	2003
MIN	9.34	9.62	9.15	8.36	12.0	13.8	9.63	9.92	10.1	10.2	9.88	12.0
(WY)	2000	2000	2000	2000	2002	2002	2001	2001	2001	2000	2002	2001
SUMMARY	STATIST	ICS	FOR	2002 CALEN	DAR YEAR	FO	R 2003 WAT	rer year		WATER YEARS	1999	- 2003
ANNUAL	TOTAL			4624.8			9335.9					
ANNUAL				12.7			25.6			18.9		
	C ANNUAL N	MEAN								25 6		2003
	ANNUAL ME									11.8		2002
HIGHEST	C DAILY ME	EAN		146	Dec 1			Feb 26		1600	Jul	8 1999
LOWEST	DAILY MEA	AN			Jun 30		9.5	Oct 13		7.0	Jan	2 2000
ANNUAL	SEVEN-DAY	MINIMUM		8.5	Jun 30		9.7	Oct 13 Oct 7		7.0 7.7	Dec 3	0 1999
MAXIMUN	M PEAK FLO	WC					2390	Aug 19		11000	Jul	8 1999
MAXIMUN	4 PEAK STA	AGE					2.46	Aug 19		11.22	Jul	8 1999
ANNUAL	RUNOFF (A	AC-FT)		9170			18520			13720		
	CENT EXCE			13			24			18		
	CENT EXCE			12			14			12		
90 PERG	CENT EXCE	EDS		9.6			11			9.1		

e Estimated

[†] Precipitation total, in inches

09419679 LAS VEGAS WASTEWAY NEAR EAST LAS VEGAS, NV

 $LOCATION.--Lat\ 36^{\circ}06'22",\ long\ 115^{\circ}01'07",\ in\ NW\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec. 23,\ T.21\ S.,\ R.62\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010015,\ on\ left\ bank,\ 500\ ft\ west\ of\ Hollywood\ Boulevard,\ and\ 1.5\ mi\ northeast\ of\ East\ Las\ Vegas\ Civic\ Center.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--May 1979 to September 1983, November 1983 to May 1984, and September 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,650 ft above NGVD of 1929, from topographic map. See WDR NV-97-1 for history of changes prior to 1997 water year. Prior to November 21, 1997, at same site at datum 1.0 ft higher.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Flow regulated by sewage treatment plant. At higher flows, some water can bypass the gage due to overbank flow upstream. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 871 ft^3 s, February 26, 2003, gage height, 7.04 ft; minimum daily, 45 ft^3 s, August 22, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 871 ft³/s, February 26, gage height, 7.04 ft; minimum daily, 200 ft³/s, January 22.

		DISC	HARGE, CU	BIC FEET 1		WATER Y MEAN V	EAR OCTOBER	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	213	218	320	231	212	273	238	235	245	237	258	246
2	223	224	239	238	238	270	235	240	242	236	251	316
3	232	226	228	e233	219	261	239	248	241	235	244	237
4	223	225	226	e240	219	256	236	247	234	242	238	245
5	230	224	218	e243	217	253	246	243	241	241	235	254
6	230	222	224	e242	e223	251	246	231	239	239	234	240
7	221	222	229	e232	e230	249	247	236	249	240	238	239
8	217	220	230	e231	e236	254	236	241	246	236	238	234
9	214	222	221	e241	e244	253	245	237	236	233	238	237
10	218	222	221	e247	e240	246	241	241	237	236	240	232
11	217	215	216	e254	e224	244	242	235	235	234	235	232
12	227	213	218	e260	e354	249	247	241	232	238	232	233
13	226	221	226	e243	e596	245	250	237	236	236	230	239
14	225	219	226	e229	243	251	252	236	243	233	233	241
15	220	214	223	e236	250	253	425	236	238	237	239	237
16	218	224	218	e245	245	305	251	234	234	239	286	235
17	220	226	214	e259	245	275	239	240	241	239	335	233
18	228	219	211	e239	236	256	252	244	238	238	241	231
19 20	226 231	219 212	212 213	e231 e236	234 232	239 244	268 252	241 238	238 238	330 245	300 489	236 243
21	223	214	221	e244	230	250	247	241	245	242	297	239
22	217	210	230	200	235	259	246	238	241	241	263	237
23	221	225	227	243	238	254	240	242	242	240	256	232
24	219	226	229	242	236	250	243	246	239	261	270	234
25	223	216	218	237	331	251	244	244	237	266	268	234
26	261	218	226	228	498	245	248	244	239	264	258	233
27	291	217	234	218	272	243	246	238	247	244	241	239
28	247	228	233	213	399	242	240	240	244	241	239	236
29	229	224	230	222		247	234	239	242	241	243	231
30	224	265	e236	219		246	235	241	238	237	249	229
31	213		242	216		244		246		329	248	
TOTAL	7027	6650	7059	7292	7576	7858	7510	7440	7197	7650	8066	7184
MEAN	227	222	228	235	271	253	250	240	240	247	260	239
MAX	291	265	320	260	596	305	425	248	249	330	489	316
MIN	213	210	211	200	212	239	234	231	232	233	230	229
AC-FT	13940	13190	14000	14460	15030	15590	14900	14760	14280	15170	16000	14250
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1979	- 2003	B, BY WATER	YEAR (WY)			
MEAN	157	159	157	164	166	163	157	153	154	159	162	161
MAX	227	224	237	235	271	253	250	240	240	247	260	239
(WY)	2003	1997	2002	2003	2003	2003	2003	2003	2003	2003	2003	2003
MIN	79.0	83.2	85.5	91.7	94.7	86.4	80.8	79.1	70.3	73.3	66.8	75.0
(WY)	1980	1980	1980	1982	1981	1980	1981	1979	1979	1979	1979	1979
SUMMARY	STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEAR	RS 1979 -	2003
A MINITTA T	moma r			01700			88509					
ANNUAL				81708 224						1.00		
ANNUAL		MEDAN		224			242			162		0000
	ANNUAL I									242		2003
	ANNUAL M			200	De		500	mala so		87.3		1981
	DAILY M				Dec 1			Feb 13		596	Feb 13	2003
	DAILY ME.			188			200			45	Aug 22	1979
		Y MINIMUM		201	Apr 10		216	Dec 15		50	Aug 19 Feb 26	1979
	M PEAK FL						871			871	Feb 26	2003
	M PEAK ST.							4 Feb 26			Feb 26	2003
	RUNOFF (162100			175600			117400		
	CENT EXCE			235			257			223		
	CENT EXCE			223			238			163		
90 PERC	CENT EXCE	EDS		211			219			94		

e Estimated

09419696 DUCK CREEK AT BROADBENT BOULEVARD AT EAST LAS VEGAS, NV

 $LOCATION.--Lat~36^{\circ}05'27'', long~115^{\circ}01'23'', in~NE~^{1}/_{4}~SW~^{1}/_{4}~sec. 26, T.12~S., R.62~E., Clark~County,~Hydrologic~Unit~15010005, at~Broadbent~Boulevard,~and~1.2~mi~upstream~from~Las~Vegas~Wash.$

DRAINAGE AREA .-- Not determined.

PERIOD OF RECORD.--October 1988-September 2000, miscellaneous measurements and annual peak flow; October 2000 to current year. Previously published as "at Tropicana Avenue".

GAGE.--Water-stage recorder. Elevation of gage is 1,605 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Temporary gage installed in July, 2003 at Duck Creek Wetlands Park while new bridge at gage site was being constructed.

 $EXTREMES\ FOR\ PERIOD\ OF\ RECORD.-Maximum\ discharge, 3,100\ ft^3/\qquad s, July\ 8,1999, from\ slope-area\ determination\ of\ peak\ flow;\ minimum\ daily,\ e3.7\ ft^3/s,\ September\ 27-28,\ 2003.$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,160 ft³/s, April 15, gage height, 8.44 ft; minimum daily, e3.7 ft³/s, September 27-28.

		DISC	CHARGE, CU	BIC FEET PE		WATER Y MEAN V	EAR OCTOBER ALUES	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	7.1	7.2	7.1	7.1	13	e10	e4.5	5.9	5.2	10	e5.4
2	7.8	7.1	7.1	7.1	7.1	12	e10	e4.4	5.8	5.3	8.3	9.2
3	7.2	7.1	7.1	7.1	7.1	11	e10	e4.3	6.0	5.4	7.9	e6.2
4	7.1	7.1	7.1	7.1	7.3	11	e11	e4.4	6.1	5.2	7.9	e5.4
5	7.1	7.1	7.1	7.1	7.3	13	e10	e4.5	6.1	5.1	7.6	e5.0
6	7.1	7.1	7.2	7.1	7.1	11	e10	4.7	5.8	5.1	7.7	e4.8
7	7.1	7.1	7.1	7.1	7.1	10	e9.0	4.8	6.1	5.2	7.7	e4.7
8	7.2	7.1	7.1	7.1	7.1	10	e9.0	4.8	5.9	5.2	7.6	e4.7
9	7.1	7.1	7.1	7.1	7.3	9.0	e9.0	4.8	5.8	5.9	7.8	e4.6
10	7.1	7.1	7.1	7.3	7.2	9.3	e10	4.9	5.8	e6.0	7.7	e4.6
11	7.1	7.1	7.1	7.1	7.3	10	e10	4.8	5.8	e5.0	7.4	e4.2
12	7.1	7.1	7.1	7.1	151	9.0	e10	4.9	5.7	e6.0	7.4	e4.5
13	7.1	7.1	7.1	7.1	81	8.3	e10	5.0	5.7	e5.0	7.5	e4.5
14	7.1	7.1	7.1	7.1	10	7.8	e30	4.9	5.6	e6.0	7.4	e4.4
15	7.1	7.1	7.1	7.1	8.1	9.0	e580	4.8	5.6	e6.4	8.0	e4.4
16	7.1	7.5	7.1	7.1	6.1	13	e50	5.0	5.7	6.8	9.5	e4.5
17	7.1	7.3	7.1	7.1	4.5	10	e15	5.0	5.6	7.8	12	e4.5
18	7.1	7.4	7.1	7.1	14	9.3	e10	5.0	5.5	6.0	7.0	e4.3
19	7.1	7.1	7.2	7.1	14	8.9	e10	5.0	5.5	8.2	8.1	e4.2
20	7.1	7.1	7.1	7.1	14	10	e10	5.2	5.4	6.4	8.6	e4.4
21	7.1	7.1	7.2	7.1	13	9.8	e9.0	5.2	5.5	6.3	e6.2	e4.3
22	7.1	7.1	7.1	7.1	13	9.6	e9.0	5.2	5.4	6.1	e5.9	e4.4
23	7.1	7.1	7.1	7.2	13	9.6	e9.0	5.2	5.4	6.0	e5.9	e4.3
24	7.3	7.1	7.1	7.2	13	11	e7.0	5.4	5.2	9.4	e5.7	e4.3
25	7.5	7.1	7.1	7.1	73	9.8	e6.0	5.4	5.3	12	e5.9	e4.4
26	10	7.1	7.1	7.1	8.9	11	e5.0	5.4	5.3	8.4	e5.7	e4.1
27	11	7.0	7.2	7.1	15	12	e5.0	5.5	5.4	7.1	e5.7	e3.7
28	7.6	7.0	7.1	7.1	14	12	e5.0	5.7	5.4	7.4	e5.4	e3.7
29	7.3	7.1	7.1	7.1		e11	e4.5	5.5	5.2	7.9	e5.6	e4.0
30	7.1	11	7.1	7.1		e11	e4.5	5.7	5.1	7.3	e4.9	e4.0
31	7.1		7.1	7.1		e10		5.8		11	e5.1	
31	,		,	***		010					00.1	
TOTAL	228.6	217.6	220.6	220.5	624.7	321.4	897.0	155.7	168.6	206.1	225.0	139.7
MEAN	7.37	7.25	7.12	7.11	22.3	10.4	29.9	5.02	5.62	6.65	7.26	4.66
MAX	11	11	7.2	7.3	151	13	580	5.8	6.1	12	12	9.2
MIN	6.6	7.0	7.1	7.1	4.5	7.8	4.5	4.3	5.1	5.0	4.9	3.7
AC-FT	453	432	438	437	1240	637	1780	309	334	409	446	277
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER Y	EARS 2001	- 2003	, BY WATER	YEAR (WY)				
MEAN	6.40	5.74	5.46	6.33	18.2	8.52	15.9	5.82	5.75	9.13	6.00	5.10
MAX	7.37	7.25	7.12	7.11	26.0	10.4	29.9	6.65	6.46	14.7	7.26	5.38
(WY)	2003	2003	2003	2003	2001	2003	2003	2001	2001	2001	2003	2001
MIN	5.43	4.23	3.80	5.55	6.41	6.43	6.37	5.02	5.17	6.00	4.98	4.66
(WY)	2002	2002	2002	2002	2002	2002	2002	2003	2002	2002	2002	2003
SUMMARY	Y STATIST	CICS	FOR	2002 CALEN	NDAR YEAR		FOR 2003 W.F.	ATER YEAR		WATER YEAR	RS 2001	- 2003
ANNUAL	TOTAL			2241.8			3625.5					
ANNUAL	MEAN			6.14	1		9.93	3		7.69	9	
HIGHEST	r Annual	MEAN								9.9	3	2003
LOWEST	ANNUAL M	IEAN								5.4	5	2002
	r daily M				Jul 17		580	Apr 15			Apr 1	
	DAILY ME				Sep 9		3.7	Sep 27 Sep 24		3.2	Dec	5 2001
		Y MINIMUM		4.2	Sep 4		4.0	Sep 24		3.3	Dec	4 2001
	M PEAK FL						1160	Apr 15		3100	Jul	8 1999
	M PEAK ST							Apr 15			0 Jul	6 2001
	RUNOFF (4450			7190			5570		
	CENT EXCE			7.1			10			9.0		
	CENT EXCE			6.2			7.1			6.0		
90 PERO	CENT EXCE	EDS		4.9			4.8			4.4		

e Estimated

09419700 LAS VEGAS WASH AT PABCO ROAD NEAR HENDERSON, NV

 $LOCATION.--Lat\ 36^{\circ}05'15", long\ 114^{\circ}59'06", in\ NW\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec.\ 23,\ T.21\ S.,\ R.62\ E.,\ Clark\ County,\ Hydrologic\ Unit\ 15010015,\ on\ right\ bank,\ at\ low-head\ dam,\ 3.5\ mi\ north\ of\ Henderson\ and\ 6.0\ mi\ upstream\ from\ Lake\ Mead.$

DRAINAGE AREA.--2,125 mi², of which 1,518 mi² contribute directly to surface runoff. Prior to April 4, 1961, 2,179 mi², of which 1,571 mi² contributed directly to surface runoff.

PERIOD OF RECORD.--May 1957 to September 1983 and, October 1984 to September 1988 (published as "near Henderson"), October 2000 to current year.

GAGE.--Water-stage recorder and low-head concrete dam. Elevation of gage is 1,540 ft above NGVD of 1929, from topographic map. Prior to October 4, 2000, at several sites and datums within 2.5 mi of current location.

REMARKS.--No estimated daily discharge. Records good. Discharge includes treated sewage effluent from municipal treatment plants and some wastewater from industrial plants. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,510 ft³/ s, on basis of area-velocity computation to determine peak flow, July 4, 1975, gage height, 10.67 ft, datum then in use, from floodmarks and rating curve extension above 3,340 ft³/ s; minimum daily, 4.8 ft³/ s, August 17, 1960.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 18,000 ft³/ s, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,020 ft³/s, February 26, gage height, 7.68 ft; minimum daily, 182 ft³/s, June 3, 4.

		DISC	CHARGE, CU	BIC FEET 1	PER SECOND, DAILY	WATER Y		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	197	262	322	265	258	273	219	235	197	211	335	282
2	206	270	259	271	269	263	219	240	193	207	307	421
3	214	279	249	255	259	254	223	243	182	207	296	285
4	208	279	249	267	253	253	210	238	182	216	290	313
5	215	276	240	270	258	254	221	231	207	216	311	316
6	221	279	247	267	247	262	224	227	218	215	325	282
7	216	270	255	255	250	253	230	229	225	213	335	266
8	214	278	253	254	254	270	214	239	218	207	337	258
9	214	281	245	266	257	289	218	229	209	205	334	267
10	220	278	244	277	247	279	205	224	209	208	336	262
11	221	279	244	291	226	283	203	215	206	202	328	266
12	233	279	245	289	419	298	204	219	204	204	323	268
13	232	290	246	282	844	296	206	217	208	200	317	272
14	232	289	254	261	254	298	207	218	216	195	317	271
15	240	283	254	278	246	315	583	213	213	202	328	265
16	243	289	248	295	241	391	279	214	210	203	382	263
17	253	291	252	296	241	319	252	214	217	204	502	259
18	258	292	255	285	229	284	278	208	213	202	303	256
19	255	251	252	266	217	257	313	206	215	315	413	237
20	257	219	253	268	228	257	285	203	220	209	800	260
0.1	0.5.5	0.07	0.5.5	0.04	226	0.61	0.71	0.00	0.04	206	2.40	0.5.5
21	255	227	257	294	226	261	271	203	224	206	349	255
22	251	230	266	254	230	283	265	201	215	204	285	257
23 24	256 261	241 242	263 274	307 306	224 230	289 235	263 261	213 213	216 212	201 242	270 289	256 256
								209	209			
25	264	238	256	291	382	222	260	209	209	248	287	252
26	281	231	266	278	1010	219	252	203	210	232	322	244
27	304	230	275	270	299	231	256	206	221	210	348	246
28	284	243	282	262	609	225	246	204	219	205	300	248
29	268	240	274	257		230	241	195	220	204	285	236
30	269	274	263	265		229	231	196	214	200	291	216
31	258		275	264		227		198		377	287	
TOTAL	7500	7910	8017	8506	8907	8299	7539	6705	6322	6770	10532	8035
MEAN	242	264	259	274	318	268	251	216	211	218	340	268
MAX	304	292	322	307	1010	391	583	243	225	377	800	421
MIN	197	219	240	254	217	219	203	195	182	195	270	216
AC-FT	14880	15690	15900	16870	17670	16460	14950	13300	12540	13430	20890	15940
STATIST	TICS OF M	ONTHLY ME.	AN DATA F	OR WATER	YEARS 1958	- 200	3, BY WATER	R YEAR (W	Y)			
MEAN	71.2	79.0	79.1	82.0	85.8	78.4	73.3	68.4	65.3	66.8	75.6	72.1
MAX	242	264	259	288	344	268	251	233	241	239	340	268
(WY)	2003	2003	2003	2001	2001	2003	2003	2001	2001	2002	2003	2003
MIN	17.3	19.5	22.5	22.1	21.8	20.9	18.2	14.5	8.76	7.54	8.19	13.2
(WY)	1962	1963	1961	1962	1962	1962	1962	1962	1958	1962	1962	1964
SUMMAR	Y STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W	NATER YEA	R	WATER YEA	RS 1958 ·	- 2003
ANNUAL				85736			95042					
ANNUAL				235			260			72.7		
	T ANNUAL I									260		2003
	ANNUAL M				ъ			F 1 -	_	16.9		1962
	T DAILY M			322				Feb 2		1430		4 1975
	DAILY ME			181	Sep 18		182			4.8	_	7 1960
		Y MINIMUM		190	Apr 13		192 2020			6.6 6510		7 1962
	M PEAK FL							Feb 2 58 Feb 2				4 1975
	M PEAK ST			170100				o reb 2	O	10.6 52680	, our 4	4 1975
	RUNOFF (170100			188500					
	CENT EXCE			263			307			157		
	CENT EXCE: CENT EXCE:			236 203			253 206			53 17		
90 PER	CENI EACE.	ens		∠∪3			∠∪6			1/		

09419740 C-1 CHANNEL NEAR WARM SPRINGS ROAD AT HENDERSON, NV

 $\begin{array}{l} \textbf{LOCATION.--Lat 36°02'41", long 114°57'30" in SE } \\ ^1/_4 \ SE \\ ^1/_4 \ Sec. \\ ^8, T.22 \ S., R.63 \ E., Clark \ County, \ Hydrologic \ Unit 15010015, on left bank, 0.8 \\ mi \ east \ of \ Lake \ Mead \ Drive \ and 0.3 \ mi \ south \ of \ Warm \ Springs \ Road. \\ \end{array}$

DRAINAGE AREA.--3.78 mi².

PERIOD OF RECORD.--October 1990 to September 1994 (published as "at Warm Springs Road near Henderson"), May 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,870 ft above NGVD of 1929, from topographic map. Prior to May 24, 1995, water-stage recorder at site 0.3 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,700 ft³/ s, August 10, 1997, gage height, 18.44 ft; no flow most of time. Maximum daily precipitation, 2.36 inches, August 10, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 573 ft³/s, September 4, gage height, 14.00 ft; no flow most days. Maximum daily precipitation, 0.84 inches, February 25.

prec	трпаноп, о	.64 menes, 1	-									
		DISC	HARGE, C	UBIC FEET	PER SECOND, DAILY	WATER Y		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00										0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	18
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	1.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.9	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00						
24	0.00	0.00	0.00	0.00	0.00		0.01	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.8	0.00	0.00	0.00	0.00	0.01	0.00	0.00
26	0.00	0.00	0.00	0.00	1.9	0.00	0.00	0.00	0.00	0.00	2.4	0.00
27	2.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.00	0.00		0.00		0.00		0.00	0.00	
TOTAL	47.40	0.00	0.00	0.00	6.07	0.93	1.50	0.00	0.00	0.01	12.12	18.00
MEAN	1.53	0.000	0.000	0.000	0.22	0.030	0.050	0.000	0.000	0.000	0.39	0.60
MAX	45	0.00	0.00	0.00	2.8	0.74	0.62	0.00	0.00	0.01	7.9	18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
MIN										0.00		
AC-FT	94	0.00	0.00	0.00	12	1.8	3.0	0.00	0.00	0.02	24	36
t	0.64	0.24	0.00	0.00	1.76	0.60	0.52	0.00	0.00	0.08	1.04	0.36
STATIST	TICS OF M	ONTHLY MEA	AN DATA	FOR WATER	YEARS 1990	- 2003	, BY WATER	YEAR (W	Y)			
MEAN	0.23	0.058	0.23	1.77	0.56	0.87	4.03	1.01	1.36	4.44	4.75	2.34
MAX	1.53	0.57	2.52	20.2	2.96	8.24	48.3	12.1	17.6	56.2	45.9	25.1
					2002							
(WY)	2003	2002	2002	2002		1992	2002	2002	2002	2002	2002	2002
MIN (WY)	0.000 1991	0.000 1991	0.000 1992	0.000 1994	0.000 1994	0.000 1994	0.000 1991	0.000 1991	0.000 1992	0.000 1991	0.000 1994	0.000 1992
	Y STATIST		FOR	2002 CAI	LENDAR YEAR		FOR 2003 WA		ΔR		ARS 1990	- 2003
3 3131113 1	moma r											
ANNUAL				7026			86.03					
ANNUAL				19.	. 3		0.24	ŀ		1.		
HIGHEST	r Annual	MEAN								19.	5	2002
LOWEST	ANNUAL M	IEAN								0.	5 000	1994
HIGHEST	r DAILY M	IEAN		172	Apr 25		45	Oct	1		Aug 1	
	DAILY ME			_	.00 Jan 1		0 00	Oct	2		00 Oct	
		Y MINIMUM		0.	00 Jan 1 00 Jan 11		0.00	000	2 2		00 Oct	
				0 .	oo oan ii		5.00	Sep	4	0.700	7	1000
	M PEAK FL						573	sep	4	2700	Aug 1	0 TAA.
	M PEAK ST						14.00	Sep	4		44 Aug 1	U 1997
	RUNOFF (13940			171			1380		
10 PERG	CENT EXCE	EDS		72			0.00)		0.	00	
50 PERG	CENT EXCE	EDS		0 .	. 0 0		0.00)		0.	00	
	CENT EXCE			0 .			0.00			0.		
				0 .			0.00			٠.		

 $[\]ensuremath{\dagger}$ Precipitation total, in inches

09419756 LAS VEGAS WASH OVERFLOW AT LAKE LAS VEGAS INLET, NV

LOCATION.--Lat $36^{\circ}06'09''$, long $114^{\circ}56'01''$, in SE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.22, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, on right end of weir at Lake Las Vegas Inlet structure, about 3.5 mi northeast of Henderson.

DRAINAGE AREA.--2,190 mi², approximately.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,400 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharge. Records good. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,000 ft³/ s, July 8, 1999, gage height, 40.04 ft; no flow most of time.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,170 ft³/ s August 20, gage height, 28.28 ft; no flow most days.

		DIS	CHARGE,	CUBIC FEET		, WATER LY MEAN	YEAR OCTOBER	2002 TC	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	306	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	194	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.00	0.00		0.00		0.00		77	0.00	
TOTAL	0.00	0.00	0.00	0.00	573.00	0.00	0.00	0.00	0.00	77.00	261.00	0.00
MEAN	0.000	0.000	0.000	0.000	20.5	0.000	0.000	0.000	0.000	2.48	8.42	0.000
MAX	0.00	0.00	0.00	0.00	306	0.00	0.00	0.00	0.00	77	149	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	1140	0.00	0.00	0.00	0.00	153	518	0.00
STATIST	rics of M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1992	- 2003	, BY WATER Y	EAR (WY))			
MEAN	0.001	0.33	0.000	2.02	13.8	4.20	0.000	0.000	0.000	12.7	0.85	6.31
MAX	0.012	3.97	0.000	23.5	64.4	46.2		0.000	0.000	146	8.42	75.1
(WY)	1993	1997	1992	1995	2000	1992	1992	1992	1992	1999	2003	1998
MIN	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000
(WY)	1992	1992	1992	1993	1995	1993	1992	1992	1992	1992	1992	1992
SUMMARY	Y STATIST	'ICS	FO	R 2002 CALE	ENDAR YEAR		FOR 2003 WAT	'ER YEAR	W	ATER YEA	ARS 1992	- 2003
ANNUAL				0.0	20		911.00					
ANNUAL				0.0			2.50			3.3		
		MEAN		0.0	000		2.50					1000
	r annual annual m									12.4	000	1999 1996
				0 (00 Tem 1		206	Ech 26			Jul	
	DAILY M DAILY ME				00 Jan 1		306				00 Oct	
		AN Y MINIMUM			00 Jan 1 00 Jan 1			Oct 1			00 Oct	
	SEVEN-DA M PEAK FL			0.0	o uan 1		1170			17000		8 1991
	M PEAK FL M PEAK ST							-			Jul)4 Jul	
				0.0	0.0		28.28 1810	Aug 20		2390		0 1333
	RUNOFF (CENT EXCE			0.0			0.00			2390		
	CENT EXCE			0.0			0.00			0.0		
	CENT EXCE			0.0			0.00			0.0		
JU PERC	CLIVI DACE	درست		0.0			0.00			0.0	, ,	

09419800 LAS VEGAS WASH BELOW LAKE LAS VEGAS NEAR BOULDER CITY, NV

LOCATION.--Lat $36^{\circ}07'20''$, long $114^{\circ}54'15''$, in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.14, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, in Lake Mead Recreation Area, on right bank, under bridge at North Shore Road, and 11.0 mi northeast of Boulder City.

DRAINAGE AREA--2,193 mi², of which 1,586 mi² contributes directly to surface runoff.

e Estimated

PERIOD OF RECORD.--August 1969 to September 1984 (published as "near Boulder City"), July 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,280 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Discharge includes treated sewage effluent. See schematic diagram of Colorado River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $7.760 \, \text{ft}^3 / \text{s}$, August 14, 1984, gage height, 11.32 ft, from slope-area measurement of peak flow; minimum daily, 17 ft³/ s, July 8, 30, 1971.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 10,800 ft³/ s, July 8, 1999, from slope-area measurement of peak flow. EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,800 ft³/s, February 26, gage height, 6.85 ft; minimum daily, 205 ft³/s, July 13 and 14.

		DISC	HARGE, CU	JBIC FEET	PER SECOND, DAIL	WATER YEAY Y MEAN VA		2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e220	242	350	266	266	350	294	247	235	233	285	236
2	e220	245	258	270	284	334	286	261	233	232	239	360
3	e225	251	256	254	275	320	288	274	232	215	230	250
4	e215	249	254	263	262	310	270	277	229	e220	226	286
5	e215	246	245	264	265	301	276	270	232	e220	221	293
6	e215	250	257	267	259	299	287	249	234	e220	214	260
7	e210	236	268	252	265	277	297	237	239	e220	221	247
8	e210	238	285	e235	265	274	280	249	240	e215	221	239
9	e210	237	265	e240	276	282	285	245	231	e215	225	239
10	e220	239	252	e263	249	272	279	245	232	e220	232	238
11	224	236	239	e276	246	267	277	242	233	e210	231	231
12	235	230	244	e274	380	276	279	246	227	e210	229	235
13	235	246	e230	e270	773	270	286	243	234	e205	227	234
14	237	237	255	e253	275	267	284	242	240	e205	229	235
15	235	233	289	e266	263	278	564	245	233	213	238	248
16	231	240	360	e277	248	351	278	241	228	219	278	249
17	238	243	239	e280	244	316	237	248	235	227	351	253
18	249	241	215	e271	237	294	263	248	230	220	240	260
19	246	240	230	e254	229	265	316	246	231	325	243	266
20	253	224	237	e262	230	262	282	224	232	e225	612	274
21	247	224	242	e282	227	262	271	235	244	e215	325	275
22	236	231	256	e246	231	270	266	231	238	e215	246	274
23	240	244	256	e319	229	274	290	237	237	e210	239	262
24	245	245	265	324	234	264	308	237	234	e245	237	256
25	246	243	243	314	303	279	258	242	229	e255	241	256
26	275	241	250	303	744	279	255	241	223	e250	260	249
27	310	256	264	293	278	277	254	242	237	e235	290	246
28	280	296	267	289	402	273	254	242	238	e220	298	249
29	255	294	267	318		283	247	242	238	230	237	280
30	253	286	265	281		280	240	241	233	229	239	270
31	240		273	275		297		238		285	242	
TOTAL	7370	7363	8076	8501	8439	8903	8551	7607	7011	7058	8046	7750
MEAN	238	245	261	274	301	287	285	245	234	228	260	258
MAX	310	296	360	324	773	351	564	277	244	325	612	360
MIN	210	224	215	235	227	262	237	224	223	205	214	231 15370
AC-FT	14620	14600	16020	16860	16740	17660	16960	15090	13910	14000	15960	15370
					YEARS 196							
MEAN	94.4	94.7	100	101	107	101	91.3	85.2	77.6	98.3	101	100
MAX	238	245	261	274	301	287	285	245	234	272	282	290
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2002	2002	2002
MIN (WY)	51.6 1971	54.5 1970	57.0 1970	60.4 1970	57.0 1970	49.2 1972	44.2 1971	39.9 1972	35.7 1974	27.3 1971	33.5 1969	38.0 1970
, ,	Y STATIST		23,0	1370		003 WATER		1372	13,1		RS 1969 -	
		100					LIMIN			WHILK ILL	1100	2003
					946	75 59				93.7 259 48.6		2003 1971
HIGHES	r DAILY M	EAN			7	73 F	'eb 13			1400	Jul 23	1984
LOWEST	DAILY ME	AN			2	05 J	ul 13			17	Jul 8	1971
ANNUAL	SEVEN-DA	MINIMUM			2	11 J	ul 9			21	Jul 4	1971
	M PEAK FL				18		'eb 26			7760	Aug 14	
	M PEAK ST						'eb 26			11.3	2 Aug 14	1984
	RUNOFF (1878					67900		
	CENT EXCE					93				122		
	CENT EXCE: CENT EXCE:					47 24				84 48		
JU PEK	сыні БАСБ.	وراتا			2	44				40		

09421000 LAKE MEAD AT HOOVER DAM, AZ-NV

LOCATION--Lat 36°00'58", long 114°44'13", in NE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.3, T.30 N., R.23 W., Gila and Salt River meridian, Mohave-Clark Counties, Hydrologic Unit 15010005, in center of Hoover Dam on Colorado River.

DRAINAGE AREA.--171,700 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

RESERVOIR-CONTENTS RECORDS

PERIOD OF RECORD.--Contents: February 1935 to current year. Diversions (monthly totals only): to Boulder City area, since October 1935; to Henderson and Las Vegas areas, since April 1942; combined diversions since October 1968. Prior to 1946 published as "at Boulder Dam."

REVISED RECORDS .-- WSP 899: 1935-39.

GAGE.--Water-stage indicator read once daily at midnight, with supplementary water-stage recorder. Datum of gage is 0.00 ft to Local Powerhouse datum.

REMARKS.--Reservoir is formed by concrete arch-gravity dam; storage began February 1, 1935; dam completed March 1, 1936. Total capacity (based on 1963-64 resurvey by Coast and Geodetic Survey; capacity table put into use April 1, 1967), 29,755,000 acre-ft, consisting of the following: Dead storage, 2,378,000 acre-ft below gage height 895.0 ft--gate sills in outlet towers; usable contents, 26,159,000 acre-ft between gage heights 895.0 ft and 1,221.4 ft (top of automatic spillway gates in raised position); uncontrolled storage, 1,218,000 acre-ft between gage heights 1,221.4 ft and 1,229.0 ft (maximum water surface). Reservoir is used to store water for flood control, irrigation, municipal water supply, power development, and recreation. Figures given herein represent usable contents. See schematic diagram of Colorado River Basin.

DIVERSIONS FROM LAKE MEAD.--Diversions to Boulder City area at dam; diversions to Henderson and Las Vegas areas from intakes 6 mi upstream. Diversions measured by Venturi meters. Water used for municipal and industrial purposes.

COOPERATION.--Records of gage height and contents furnished by Bureau of Reclamation. Records of diversions from Lake Mead furnished by Bureau of Reclamation and Colorado River Commission of Nevada.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 27,790,000 acre-ft, July 29, 30, 1941 (on basis of original bathymetry), gage height, 1,220.45 ft; maximum gage height, 1,225.85 ft, July 24, 1983 (equivalent to 26,868,000 acre-ft on basis of resurveyed bathymetry of 1963-64); minimum contents (since 1940), 10,695,000 acre-ft, April 26, 1956, gage height, 1,083.21 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 17,099,000 acre-ft, October 1, gage height 1,155.47 ft; minimum, 15,598,000 acre-ft, July 31, gage height, 1,141.93 ft.

RESERVOIR STORAGE, IN THOUSANDS OF ACRE FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17099	17025	16848	16723	16855	16977	16811	16275	15893	15716	15607	15753
2	17089	17025	16839	16728	16856	16985	16802	16261	15888	15709	15619	15755
3	17091	17021	16849	16732	16855	16978	16797	16264	15890	15708	15632	15753
4	17084	17009	16837	16745	16852	16977	16775	16259	15886	15710	15633	15736
5	17085	17006	16834	16753	16846	16984	16774	16257	15897	15714	15634	15734
_												
6	17084	17002	16832	16761	16840	16991	16758	16238	15876	15711	15634	15739
7	17081	17001	16830	16762	16837	16993	16741	16214	15876	15716	15640	15740
8	17078	16990	16829	16758	16841	16996	16719	16190	15872	15726	15641	15739
9	17076	16997	16826	16758	16851	16997	16691	16176	15868	15717	15634	15737
10	17073	16996	16824	16763	16851	16991	16667	16169	15863	15705	15630	15736
11	17071	16997	16822	16766	16854	16991	16645	16157	15850	15693	15640	15724
12	17075	16990	16812	16779	16857	16986	16634	16143	15839	15691	15640	15726
13	17070	16985	16809	16787	16862	16977	16626	16123	15824	15687	15637	15727
14	17069	16978	16814	16796	16874	16973	16607	16113	15812	15679	15648	15723
15	17066	16970	16798	16802	16888	16971	16598	16096	15807	15670	15671	15723
16	17061	16971	16795	16808	16892	16985	16578	16075	15791	15656	15679	15716
17	17061	16969	16790	16807	16907	16975	16565	16070	15782	15647	15687	15715
18	17062	16963	16796	16815	16912	16975	16544	16073	15777	15648	15688	15698
19	17061	16962	16781	16821	16922	16967	16521	16058	15783	15658	15685	15683
20	17055	16951	16769	16823	16923	16960	16513	16040	15788	15652	15688	15676
21	17050	16938	16769	16833	16931	16947	16491	16010	15797	15646	15697	15666
22	17038	16924	16763	16837	16944	16943	16469	15987	15796	15641	15708	15655
23	17028	16920	16756	16842	16948	16944	16431	15972	15790	15635	15709	15649
24	17022	16911	16753	16838	16945	16940	16409	15974	15770	15634	15717	15650
25	17028	16891	16747	16843	16950	16924	16380	15981	15755	15631	15712	15647
26	17036	16873	16741	16851	16952	16913	16368	15982	15745	15640	15715	15642
27	17039	16858	16729	16851	16968	16898	16350	15964	15741	15637	15724	15640
28	17034	16853	16734	16851	16978	16873	16326	15936	15739	15626	15729	15639
29	17034	16856	16738	16851		16857	16303	15914	15735	15616	15730	15629
30	17028	16850	16736	16854		16844	16287	15896	15733	15606	15747	15618
31	17032		16718	16854		16826		15893		15598	15741	
MAX	17099	17025	16849	16854	16978	16997	16811	16275	15897	15726	15747	15755
MIN	17022	16850	16718	16723	16837	16826	16287	15893	15733	15598	15607	15618
*	1154.89	1153.30	1152.13	1153.33	1154.42	1153.09	1148.27	1144.68	1143.19	1141.93	1143.27	1142.12
#	-61000	-182000	-132000	+136000	+124000	-152000	-539000	-394000	-160000	-135000	+143000	-123000
##	41714	31713	27942	30609	26996	31761	39053	40570	46080	48940	46551	40346

CAL YR 2002 MAX 19879 MIN 16718 # -3077000 ## 464654 WTR YR 2003 MAX 17099 MIN 15598 # -1475000 ## 452541

^{*} Gage height, in feet, at end of month.

[#] Change in contents, in acre-feet.

^{##} Diversions, in acre-feet.

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV

LOCATION.--Lat 36°00'55", long 114°44'16", in NE 1/4 SW 1/4 sec.3, T.30 N., R.23 W., Gila and Salt River meridian, or SW 1/4 NE 1/4 sec.29,

T.22 S., R.65 E., Mount Diablo meridian, Mohave-Clark Counties, Hydrologic Unit 15030101, in powerhouse at downstream side of Hoover Dam.

DRAINAGE AREA.--171,700 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1933 to current year (prior to April 1934, monthly discharge only, published in WSP 1313). Published as "near Willow Beach" 1933-39 and as "below Boulder Dam" 1939-45.

GAGE.--Acoustical velocity meters on each turbine in Hoover Dam. Prior to November 1, 1939, water-stage recorder at site 9 mi downstream at datum 594.8 ft above NGVD of 1929. November 1, 1939, to June 30, 1958, water-stage recorder at site 0.8 mi downstream at datum 600.35 ft above NGVD of 1929. July 1, 1958, to November 7, 1979, totalizing flowmeter on each turbine.

REMARKS.--Flow regulated by Hoover Dam on Lake Mead since February 1, 1935. Many diversions above station for irrigation, industrial, and municipal use. See schematic diagram of Colorado River Basin.

COOPERATION .-- Records furnished by Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 50,800 ft³/ s, July 29, 1983, no flow at Hoover Dam part of February 10, 1935; minimum daily, 152 ft³/ s, February 10, 1935.

7.00		DIS	•	CUBIC FEET I				R 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6010	10000	9060	6600	9720	11700	18500	18000	10800	18500	10500	11100
2	6880	7330	12200	7410	12700	13000	14200	15800	13000	13900	8570	10600
3	8640	9480	11300	8600	13100	15700	17700	10200	9740	16200	8970	10800
4	9500	11700	12100	5530	14800	12700	19400	12900	11900	12900	13900	12700
5	7480	9470	10200	8670	14000	10600	13800	13900	12100	13200	13000	12000
6	7530	7800	12500	9010	15100	10200	19400	19600	20200	12100	9260	6450
7 8	9680 8520	6930 11400	10700	12300	12700 10700	10600 12800	20000 21000	20300 17800	15100 16400	9540 8890	11600 12700	6410 7720
9	8770	7510	10200 12500	12900 13500	9060	13300	21600	18000	14300	14500	18100	6190
10	8170	7000	11600	13700	12100	15000	20500	15000	12800	18500	17400	8460
11	9370	7840	11800	10300	12100	13700	20300	17200	16600	18700	10600	10800
12	5740	11100	12200	8030	13500	16000	16300	19400	17500	18300	12000	8140
13	8010	10400	12300	7460	12300	17000	14300	17800	21700	14500	12700	6520
14	10100	10400	10100	9050	7270	14200	19900	16300	20000	19500	8460	7100
15	9240	11800	11400	10300	6870	11500	18300	17200	17000	18400	9500	8910
16	9600	7410	10600	11200	10000	11000	19400	21400	21400	19200	7860	10700
17	7290	11400	10600	11300	8390	15200	16000	14200	16300	17400	10600	8620
18	7490	7750	12800	9630	10400	17500	21200	11000	15000	13400	13900	13000
19	9060	8990	15100	11000	10300	16800	21200	17300	10000	12100	12400	14100
20	9060	12200	16500	11500	11900	17800	13000	18000	9930	16600	12800	11500
21	10800	14400	10000	9640	8110	20100	18800	21100	8160	16300	12600	11200
22	12000	14700	12900	12200	7400	16300	22500	21800	14100	15100	13100	13000
23	13300	10800	13400	11700	9800	11300	24500	21600	15100	17400	13900	9620
24	10200	13900	13000	12600	13600	15600	23700	8020	21100	14400	11600	6880
25	5770	15100	10100	10400	14400	18800	22100	6760	19700	15400	16800	9640
26	4750	14800	14900	11100	11800	18300	18000	9720	18200	11600	11500	10700
27	7440	14700	13600	11800	7500	22100	15800	18200	17100	16500	9220	8840
28	9750	11000	6620	12700	6810	22700	21100	21500	14900	15500	13300	7410
29	9230	8540	9020	13700		22300	20600	21700	14600	22000	12400	12600
3 0	8660	9280	12500	11600		18200	20600	19900	18100	18000	8870	13000
31	6590		16600	13100		20700		11100		17800	17100	
TOTAL	264630	315130	368400	328530	306430	482700	573700	512700	462830	486330	375210	294710
MEAN	8536	10500	11880	10600	10940	15570	19120	16540	15430	15690	12100	9824
MAX	13300	15100	16600	13700	15100	22700	24500	21800	21700	22000	18100	14100
MIN	4750	6930	6620	5530	6810	10200	13000	6760	8160	8890	7860	6190
AC-FT	524900	625100	730700	651600	607800	957400	1138000	1017000	918000	964600	744200	584600
STATIS	STICS OF	MONTHLY M	EAN DATA	FOR WATER	YEARS 19	34 - 200	3, BY WATE	ER YEAR (WY)			
MEAN	11680	11600	12030	12270	12660	14900	15990	16340	15690	15480	14950	13140
MAX	34250	30530	33670	32700	30680	28790	26290	33330	34890	41870	39390	36750
(WY)	1984	1942	1942	1942	1984	1984	1984	1986	1984	1983	1983	1983
MIN (WY)	3109 1935	3519 1935	4444 1935	3540 1979	1106 1993	5474 1993	7297 1935	8898 1937	9786 1940	2783 1934	2631 1934	3312 1934
SUMMAR	RY STATIS	STICS	FO	R 2002 CAL	ENDAR YEA	AR.	FOR 2003	WATER YI	EAR	WATER Y	EARS 1934	L - 2003
					22							
ANNUAL	TOTAL			5267390 14430			4771300 13070			13960		
	T ANNUAL	MEAN		14430			13070			30590		1984
	ANNUAL									7674		1984
	T DAILY			25400	Jun 2	2.7	24500	Apr	23	50800		29 1983
	DAILY			4750	Oct 2		4750			152		10 1935
		DAY MINIMU	JM	7460	Oct 2		7460			927		25 1980
		(AC-FT)		10450000			9464000			10110000		
	CENT EXC			20800			19500			21600		
50 PEF	RCENT EXC	CEEDS		13700			12500			13400		
90 PEF	CENT EXC	CEEDS		8600			7780			6640		

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1940 to current year.

PERIOD OF DAILY RECORD .--

CHEMICAL ANALYSES: October 1939 to September 1944, October 1950 to September 1957, October 1967 to March 1970.

SPECIFIC CONDUCTANCE: October 1939 to July 1957, October 1977 to September 1987.

WATER TEMPERATURE: October 1941 to July 1957, October 1977 to September 1987.

REMARKS.--Samples collected at gaging station 0.3 mi downstream from Hoover Dam. Unpublished chemical analyses for period October 1939 to September 1940 available from the U.S. Geological Survey in Tucson, Arizona. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

COOPERATION .-- Instantaneous-discharge data provided by Bureau of Reclamation, Boulder City, Nevada.

EXTREMES MEASURED FOR PERIOD OF DAILY RECORD SINCE OCTOBER 1977.--

SPECIFIC CONDUCTANCE: Maximum, 1,180 microsiemens/cm, June 10, 1980; minimum, 787 microsiemens/cm, April 20, 1987. WATER TEMPERATURE: Maximum, 21.5 °C, July 23, 1983; minimum, 9.0 °C, January 10, 1978.

Date	Time	S	ample type	Instan- taneous dis- charge, cfs (00061)	Turbid- ity, wat unf lab, Hach 2100AN NTU (99872)	absorb- ance, 254 nm, wat flt units /cm	ance, 280 nm,	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)		Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)
MAR 20 APR	1030	ENVI	RONMENTA	L 26600	1.1	.042	.028	741	6.4	62	7.6	948		12.5
30 JUN	0945	ENVI	RONMENTA	L 20800	<1.0	.042	.028	740	7.2	71	7.8	987		13.0
30 SEP	0915	ENVI	RONMENTA	L 11600	<1.0	.039	.024	739	6.6	66	7.8	991		13.5
04	0930	ENVI	RONMENTA	L 7100	<1.0	.042	.027	740	6.2	63	7.6	960	30.0	14.5
Date	wa fl n	.cium ter, ltrd, ng/L 915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	lab,	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	wat flt incrm. titr.,	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)		Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
MAR 20	7	3.5	25.9	3.91	86.0	139	120	146	76.3	.32	8.62	228	619	.15
APR 30 JUN	7	2.7	26.8	4.29	88.9	137	126	153	77.1	.32	8.54	229	632	.15
30 SEP	7	4.1	26.9	4.35	93.8	138	142	173	77.6	. 4	9.07	228	632	.21
04	7	3.2	27.4	4.42	81.5	139	140	171	78.4	.3	8.75	227	624	.17
Date	ore wa unf	monia + g-N, ter, ltrd ng/L as N		Nitrite + nitrate water fltrd, mg/L as N (00631)		Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	suspnd	Organic carbon, suspnd sedimnt total, mg/L (00689)	_	Alum- inum, water, fltrd, ug/L (01106)
MAR 20		.20	<.04	.34	<.008	<.007	<.02	<.004	.004	<.1	<.1	<.1	2.5	<2
APR 30		.17	<.04	.44	<.008	<.007	<.02	E.003	<.004	<.1	<.1	<.1	2.4	<2
JUN 30		.18	<.04	.41	<.008	<.007	.02	<.004	E.004	.3	<.1	.3	2.3	<2
SEP 04		.17	<.04	.35	<.008	<.007	<.02	E.004	.005	.1	<.1	.1	2.6	<2

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV--Continued

Date	Anti- mony, water, fltrd, ug/L (01095)	water, fltrd, ug/L	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	water, fltrd, ug/L	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)
MAR 20 APR	E.17	2.6	120	<.06	125	E.03	<.8	.19	1.5	<10	E.06	43.7	. 4
30 JUN	< .60	2.7	127	<.06	132	< .04	<.8	.16	1.7	<10	<.08	47.3	.5
30 SEP	E.25	2.2	124	<.06	122	.06	<.8	.17	1.3	< 8	E.04	39.8	.3
04	E.19	2.5	127	<.06	119	E.03	<.8	.22	2.9	<8	<.08	42.5	. 4
Date	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L	Stront- ium, water, fltrd, ug/L (01080)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)		2,4,5-T water, fltrd, ug/L (39742)	2,4-D water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	water, fltrd	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)
MAR													
20 APR	4.9	2.52	2.2	<.20	1050	3.0	2		<.07		<.16	<.25	<.006
30 JUN	5.0	3.26	2.3	< .40	1030	3.9	2	82.2		<.009	<.02	<.02	<.006
30 SEP	4.7	2.93	1.8	<.20	1100	2.3	2	103		<.009	<.02	<.02	<.006
04	4.9	1.59	2.2	<.20	1060	2.4	2	103		<.009	<.02	<.02	<.006
Date	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	nitro- phenol, wat flt 0.7u GF ug/L	3- Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	3-Keto- carbo- furan, water, fltrd, ug/L (50295)	Aceto- chlor, water, fltrd, ug/L (49260)	Aci- fluor- fen, water, fltrd 0.7u GF ug/L (49315)	Ala- chlor, water, fltrd, ug/L (46342)	Aldi- carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi- carb sulf- oxide, wat flt 0.7u GF ug/L (49314)	Aldi- carb, water, fltrd 0.7u GF ug/L (49312)	alpha- HCH, water, fltrd, ug/L (34253)
MAR 20	water, fltrd, ug/L	water, fltrd, ug/L	water, fltrd, ug/L	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L	Hydroxy carbo- furan, wat flt 0.7u GF ug/L	carbo- furan, water, fltrd, ug/L	chlor, water, fltrd, ug/L	fluor- fen, water, fltrd 0.7u GF ug/L	chlor, water, fltrd, ug/L	carb sulfone water, fltrd 0.7u GF ug/L	carb sulf- oxide, wat flt 0.7u GF ug/L	carb, water, fltrd 0.7u GF ug/L	HCH, water, fltrd, ug/L
MAR 20 APR 30	water, fltrd, ug/L (04040)	water, fltrd, ug/L (04038)	water, fltrd, ug/L (50355)	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295)	chlor, water, fltrd, ug/L (49260)	fluor- fen, water, fltrd 0.7u GF ug/L (49315)	chlor, water, fltrd, ug/L (46342)	carb sulfone water, fltrd 0.7u GF ug/L (49313)	carb sulf- oxide, wat flt 0.7u GF ug/L (49314)	carb, water, fltrd 0.7u GF ug/L (49312)	HCH, water, fltrd, ug/L (34253)
MAR 20 APR 30 JUN 30	water, fltrd, ug/L (04040)	water, fltrd, ug/L (04038)	water, fltrd, ug/L (50355)	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295)	chlor, water, fltrd, ug/L (49260)	fluor- fen, water, fltrd 0.7u GF ug/L (49315)	chlor, water, fltrd, ug/L (46342)	carb sulfone water, fltrd 0.7u GF ug/L (49313)	carb sulf- oxide, wat flt 0.7u GF ug/L (49314)	carb, water, fltrd 0.7u GF ug/L (49312)	HCH, water, fltrd, ug/L (34253)
MAR 20 APR 30 JUN	water, fltrd, ug/L (04040) <.006	water, fltrd, ug/L (04038)	water, fltrd, ug/L (50355) <.008	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.11 <.006	carbo- furan, water, fltrd, ug/L (50295)	chlor, water, fltrd, ug/L (49260) <.006	fluor- fen, water, fltrd 0.7u GF ug/L (49315) <.05 <.007	chlor, water, fltrd, ug/L (46342) <.004	carb sulfone water, fltrd 0.7u GF ug/L (49313) <.20 <.02	carb sulf- oxide, wat flt 0.7u GF ug/L (49314) <.27 <.008	carb, water, fltrd 0.7u GF ug/L (49312) <.21 <.04	HCH, water, fltrd, ug/L (34253) <.005
MAR 20 APR 30 JUN 30	water, fltrd, ug/L (04040) <.006 <.006 <.006 <.006 aalpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry	water, fltrd, ug/L (04038) <.04 <.04 <.04 Atra- zine, water, fltrd, ug/L	water, fltrd, ug/L (50355) <.008 <.008 <.008 Azin- phos- methyl, water, fltrd 0.7u GF ug/L	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299) <.25 aBarban, surrog,	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.11 <.006 <.006 .006 aBDMC, surrog, water, unfltrd percent recovry	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 Bendio- carb, water, fltrd, ug/L	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 Ben- flur- alin, water, fltrd 0.7u GF	fluor- fen, water, fltrd 0.7u GF ug/L (49315) <.05 <.007 <.007	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 Bensul- furon, water, fltrd, ug/L	carb sulfone water, fltrd 0.7u GF ug/L (49313) <.20 <.02 <.02 <.02 fltrd 0.7u GF ug/L ug/L ug/L ug/L ug/L ug/L ug/L	carb sulf- oxide, wat flt 0.7u GF ug/L (49314) <.27 <.008 <.008 <.008 Broma- cil, water, fltrd, ug/L	carb, water, fltrd 0.7u GF ug/L (49312) <.21 <.04 <.04 <.04 Brom- oxynil, water, fltrd 0.7u GF ug/L	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005
MAR 20 APR 30 JUN 30 SEP 04	water, fltrd, ug/L (04040) <.006 <.006 <.006 <.006 aalpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry	water, fltrd, ug/L (04038) <.04 <.04 <.04 Atra- zine, water, fltrd, ug/L	water, fltrd, ug/L (50355) <.008 <.008 <.008 Azin- phos- methyl, water, fltrd 0.7u GF ug/L	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299) <.25 aBarban, surrog, Sched. 2060/ 9060, wat flt pct rcv	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.11 <.006 <.006 .006 aBDMC, surrog, water, unfltrd percent recovry	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 Bendio- carb, water, fltrd, ug/L	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 Ben- flur- alin, water, fltrd 0.7u GF	fluor- fen, water, fltrd 0.7u GF ug/L (49315) <.05 <.007 <.007	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 Bensul- furon, water, fltrd, ug/L	carb sulfone water, fltrd 0.7u GF ug/L (49313) <.20 <.02 <.02 <.02 fltrd 0.7u GF ug/L ug/L ug/L ug/L ug/L ug/L ug/L	carb sulf- oxide, wat flt 0.7u GF ug/L (49314) <.27 <.008 <.008 <.008 Broma- cil, water, fltrd, ug/L	carb, water, fltrd 0.7u GF ug/L (49312) <.21 <.04 <.04 <.04 Brom- oxynil, water, fltrd 0.7u GF ug/L	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005
MAR 20 APR 30 JUN 30 SEP 04 Date MAR 20 APR 30	water, fltrd, ug/L (04040) <.006 <.006 <.006 aalpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	water, fltrd, ug/L (04038) <.04 <.04 <.04 Atra- zine, water, fltrd, ug/L (39632)	water, fltrd, ug/L (50355) <.008 <.008 <.008 Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299) <.25 aBarban, surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.11 <.006 <.006 aBDMC, surrog, water, unfltrd percent recovry (99835)	carbo- furan, water, filtrd, ug/L (50295) <2 <2 <2 Bendio- carb, water, filtrd, ug/L (50299)	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	fluor- fen, water, fltrd 0.7u GF ug/L (49315) <.007 <.007 <.007	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 Bensul- furon, water, fltrd, ug/L (61693)	carb sulfone water, fltrd 0.7u GF ug/L (49313) <.20 <.02 <.02 <.02 definition of the control o	carb sulf- oxide, wat fit 0.7u GF ug/L (49314) <.27 <.008 <.008 <.008 Broma- cil, water, filtrd, ug/L (04029)	carb, water, fltrd 0.7u GF ug/L (49312) <.21 <.04 <.04 <.04 Brom- oxynil, water, fltrd 0.7u GF ug/L (49311)	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 Butyl- ate, water, fltrd, ug/L (04028)
MAR 20 APR 30 JUN 30 SEP 04 Date MAR 20 APR	water, fltrd, ug/L (04040) <.006 <.006 <.006 <.006 alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 89.7	water, fltrd, ug/L (04038) <.04 <.04 <.04 Atra- zine, water, fltrd, ug/L (39632) E.003	water, fltrd, ug/L (50355) <.008 <.008 <.008 Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050	4,6-di- nitro- phenol, wat flt 0.7u GF ug/L (49299) <.25 aBarban, surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.11 <.006 <.006 <.006 aBDMC, surrog, water, unfltrd percent recovry (99835) E71.0	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 Bendio- carb, water, fltrd, ug/L (50299)	chlor, water, fltrd, ug/L (49260) < .006 < .006 < .006 < .006 < .006	fluor- fen, water, fltrd 0.7u GF ug/L (49315) <.05 <.007 <.007 <.007	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 Bensul- furon, water, fltrd, ug/L (61693)	carb sulfone water, fltrd 0.7u GF ug/L (49313) <.20 <.02 <.02 <.02 <.02 description Ben- tazon, water, fltrd 0.7u GF ug/L (38711) <.05	carb sulf- oxide, wat flt 0.7u GF ug/L (49314) <.27 <.008 <.008 <.008 Broma- cil, water, fltrd, ug/L (04029) <.09	carb, water, fltrd 0.7u GF ug/L (49312) <.21 <.04 <.04 <.04 Brom-oxynil, water, fltrd 0.7u GF ug/L (49311) <.07	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 description ate, water, fltrd, ug/L (04028) <.005

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV--Continued

Date	Caf- feine, water, fltrd, ug/L (50305)	wat flt	Car- baryl, water, fltrd 0.7u GF ug/L (49310)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (49309)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- amben methyl ester, water, fltrd, ug/L (61188)	Chlori- muron, water, fltrd, ug/L (50306)	Chloro- di- amino- s-tri- azine, wat flt ug/L (04039)	thalo- nil,	pyrifos water,	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Clopyr- alid, water, fltrd 0.7u GF ug/L (49305)
MAR 20 APR			<.080	<.041	<.15	<.020	<.21			<.25	<.005	<.006	<.42
30 JUN	<.010	166	< .03	< .041	<.006	<.020	<.02	<.010	<.01	< .04	<.005	<.006	<.01
30 SEP	<.010	61.9	<.03	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01
04	E.009	85.4	<.03	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01
Date	Cyana- zine, water, fltrd, ug/L (04041)	Cyclo- ate, water, fltrd, ug/L (04031)	Dacthal mono- acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L	wat flt 0.7u GF	Dicamba water fltrd 0.7u GF ug/L	Dichlo- benil, water, fltrd 0.7u GF ug/L (49303)	Di- chlor- prop, water, fltrd 0.7u GF ug/L (49302)	Diel- drin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen- amid, water, fltrd, ug/L (04033)
MAR 20 APR	<.018		<.07	<.003	<.004	<.005	113	<.11	<.09	<.12	<.005	<.09	
30 JUN	<.018	<.01	<.01	<.003	<.004	<.005	125	<.01		<.01	<.005	<.01	<.03
30 SEP	<.018	<.01	<.01	<.003	<.004	<.005	113	<.01		<.01	<.005	<.01	<.03
04	<.018	<.01	<.01	<.003	<.004	<.005	107	<.01		<.01	<.005	<.01	<.03
Date	Disul- foton, water, fltrd 0.7u GF ug/L (82677)		EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flumet- sulam, water, fltrd, ug/L (61694)	Fluo- meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)
MAR 20 APR	foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	water, fltrd 0.7u GF ug/L (82668)	flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	water, fltrd 0.7u GF ug/L (49297)	inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167) <.005	nil sulfone water, fltrd, ug/L (62168)	nil, water, fltrd, ug/L (62166)	sulam, water, fltrd, ug/L (61694)	meturon water fltrd 0.7u GF ug/L (38811)	water, fltrd, ug/L (04095)
MAR 20	foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	water, fltrd 0.7u GF ug/L (82668)	flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	water, fltrd 0.7u GF ug/L (49297)	inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	nil sulfone water, fltrd, ug/L (62168)	nil, water, fltrd, ug/L (62166)	sulam, water, fltrd, ug/L (61694)	meturon water fltrd 0.7u GF ug/L (38811)	water, fltrd, ug/L (04095)
MAR 20 APR 30 JUN	foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02	Diuron, water, fltrd 0.7u GF ug/L (49300) <.12	water, fltrd 0.7u GF ug/L (82668) <.002 <.002	flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009	Etho- prop, water, fltrd 0.7u GF ug/L (82672) <.005 <.005	water, fltrd 0.7u GF ug/L (49297) <.07 <.03	inyl- fipro- nil amide, wat flt ug/L (62169) <.009 <.009	Fipronil sulfide water, fltrd, ug/L (62167) <.005 <.005	nil sulfone water, fltrd, ug/L (62168) <.005	nil, water, fltrd, ug/L (62166) <.007 <.007	sulam, water, fltrd, ug/L (61694)	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.03	water, fltrd, ug/L (04095) <.003
MAR 20 APR 30 JUN 30 SEP	foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02 <.02 <.02 imaza- quin, water, fltrd, ug/L	Diuron, water, fltrd 0.7u GF ug/L (49300) <.12 E.03 E.01 <.01 Imaze-thapyr,	water, fltrd 0.7u GF ug/L (82668) <.002 <.002 <.002 <.002 Imida- cloprid water, fltrd, ug/L	flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.toop Lindane water, fltrd, ug/L	Ethoprop, water, filtrd 0.7u GF ug/L (82672) <.005 <.005 <.005 <.005 Linuron water filtrd 0.7u GF ug/L	water, fltrd 0.7u GF ug/L (49297)	inyl-fipro- fipro- nil amide, wat flt ug/L (62169) <.009 <.009 <.009 Mala- thion, water, fltrd, ug/L	Fipronil sulfide water, fltrd, ug/L (62167) <.005 <.005 <.005 <.005 MCPA, water, fltrd 0.7u GF ug/L	nil sulfone water, fltrd, ug/L (62168) <.005 <.005 <.005 <.005 MCPB, water, fltrd 0.7u GF ug/L	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 Meta- laxyl, water, fltrd, ug/L	sulam, water, fltrd, ug/L (61694) <.01 <.01 <.01 Methiocarb, water, fltrd 0.7u GF ug/L	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.03 <.03 <.03 Methomyl, water, fltrd 0.7u GF ug/L	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L
MAR 20 APR 30 JUN 30 SEP 04	foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02 <.02 <.02 imaza- quin, water, fltrd, ug/L	Diuron, water, fltrd 0.7u GF ug/L (49300) <.12 E.03 E.01 <.01 Imaze- thapyr, water, fltrd, ug/L	water, fltrd 0.7u GF ug/L (82668) <.002 <.002 <.002 <.002 Imida- cloprid water, fltrd, ug/L	flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.toop Lindane water, fltrd, ug/L	Ethoprop, water, filtrd 0.7u GF ug/L (82672) <.005 <.005 <.005 <.005 Linuron water filtrd 0.7u GF ug/L	water, fltrd 0.7u GF ug/L (49297)	inyl-fipro- fipro- nil amide, wat flt ug/L (62169) <.009 <.009 <.009 Mala- thion, water, fltrd, ug/L	Fipronil sulfide water, fltrd, ug/L (62167) <.005 <.005 <.005 <.005 MCPA, water, fltrd 0.7u GF ug/L	nil sulfone water, fltrd, ug/L (62168) <.005 <.005 <.005 <.005 MCPB, water, fltrd 0.7u GF ug/L	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 Meta- laxyl, water, fltrd, ug/L	sulam, water, fltrd, ug/L (61694) <.01 <.01 <.01 Methiocarb, water, fltrd 0.7u GF ug/L	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.03 <.03 <.03 Methomyl, water, fltrd 0.7u GF ug/L	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L
MAR 20 APR 30 JUN 30 SEP 04 Date	foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02 <.02 <.02 Imaza- quin, water, fltrd, ug/L (50356)	Diuron, water, fltrd 0.7u GF ug/L (49300) <.12 E.03 E.01 <.01 Imaze- thapyr, water, fltrd, ug/L (50407)	water, fltrd 0.7u GF ug/L (82668) <.002 <.002 <.002 <.002 Imida- cloprid water, fltrd, ug/L (61695)	flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.009 Lindane water, fltrd, ug/L (39341)	Etho- prop, water, filtrd 0.7u GF ug/L (82672) <.005 <.005 <.005 <.005 Linuron water fitrd 0.7u GF ug/L (38478)	water, fltrd 0.7u GF ug/L (49297) <.07 <.03 <.03 <.03 <.04 Linuron water fltrd 0.7u GF ug/L (82666) (82666)	inyl-fipro- fipro- nil amide, wat flt ug/L (62169) <.009 <.009 <.009 Mala- thion, water, fltrd, ug/L (39532)	Fipronil Sulfide water, fltrd, ug/L (62167) <.005 <.005 <.005 MCPA, water, fltrd 0.7u GF ug/L (38482)	nil sulfone water, filtrd, ug/L (62168) <.005 <.005 <.005 <.005 MCPB, water, filtrd 0.7u GF ug/L (38487)	mil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 Meta- laxyl, water, fltrd, ug/L (50359)	sulam, water, fltrd, ug/L (61694) <.01 <.01 <.01 Methio- carb, water, fltrd 0.7u GF ug/L (38501)	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.03 <.03 <.03 Methomyl, water, fltrd 0.7u GF ug/L (49296)	water, fltrd, ug/L (04095) <.003 <.003 <.003 Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)
MAR 20 APR 30 JUN 30 SEP 04 Date MAR 20 APR 30	foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02 <.02 <.02 Imaza- quin, water, fltrd, ug/L (50356)	Diuron, water, fltrd 0.7u GF ug/L (49300) <.12 E.03 E.01 <.01 Imaze- thapyr, water, fltrd, ug/L (50407)	water, fltrd 0.7u GF ug/L (82668) <.002 <.002 <.002 <.002 Imida- cloprid water, fltrd, ug/L (61695)	flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.009 Lindane water, fltrd, ug/L (39341) <.004	Etho-prop, water, filtrd 0.7u GF ug/L (82672) <.005 <.005 <.005 <.005 <.007 Linuron water filtrd 0.7u GF ug/L (38478) <.06	water, filtrd 0.7u GF ug/L (49297) <.07 <.03 <.03 <.03 Linuron water filtrd 0.7u GF ug/L (82666) <.035	inyl-fipro- fipro- nil amide, wat flt ug/L (62169) <.009 <.009 <.009 Mala- thion, water, fltrd, ug/L (39532) <.027	Fipronil sulfide water, fltrd, ug/L (62167) <.005 <.005 <.005 <.005 <.07 MCPA, water, fltrd 0.7u GF ug/L (38482) <.20	nil sulfone water, fltrd, ug/L (62168) <.005 <.005 <.005 <.005 MCPB, water, fltrd 0.7u GF ug/L (38487)	mil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 Meta- laxyl, water, fltrd, ug/L (50359)	sulam, water, fltrd, ug/L (61694) <.01 <.01 <.01 Methio- carb, water, fltrd 0.7u GF ug/L (38501) <.07	meturon water fltrd 0.7u GF ug/L (38811) <.06 <.03 <.03 <.03 Meth- omyl, water, fltrd 0.7u GF ug/L (49296) <.22	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 Methyl parathion, water, fltrd 0.7u GF ug/L (82667) <.006

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Metola- chlor, water,	Metri- buzin, water,	Metsul- furon, water,	Moli- nate, water, fltrd	N-(4- Chloro- phenyl) -N'- methyl-	Naprop- amide, water, fltrd	Neburon water, fltrd	Nico- sul- furon, water,	Norflur azon, water, fltrd	Ory- zalin, water, fltrd	Oxamyl, water, fltrd	p,p'- DDE, water,	Para- thion, water,
Date	fltrd, ug/L (39415)	fltrd, ug/L	fltrd, ug/L (61697)	0.7u GF ug/L (82671)	urea, ug/L (61692)		0.7u GF ug/L (49294)	fltrd, ug/L (50364)	0.7u GF ug/L (49293)		0.7u GF ug/L (38866)	fltrd, ug/L (34653)	fltrd, ug/L (39542)
MAR 20 APR	<.013	<.006		<.002		<.007	<.07		<.04	<.28	<.16	<.003	<.010
30 JUN	<.013	<.006	< .03	<.002	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
30 SEP	<.013	<.006	< .03	<.002	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
04	<.013	<.006	< .03	<.002	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010
		Pendi-											
	Peb-	meth-		Pic-		Pron-		Pro-	Propar-		Propi-	Pro-	
	ulate,	alin,	Phorate		Prome-	amide,	Propa-		gite,	Propham		poxur,	
	water,	water,	water	water,	ton,	water,	chlor,	water,	water,	water	zole,	water,	Siduron
	fltrd	fltrd	fltrd	fltrd	water,	fltrd	water,	fltrd	fltrd	fltrd	water,	fltrd	water,
Date	0.7u GF	0.7u GF	0.7u GF	0.7u GF	fltrd,	0.7u GF	fltrd,	0.7u GF	0.7u GF	0.7u GF	fltrd,	0.7u GF	fltrd,
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	(82669)	(82683)	(82664)	(49291)	(04037)	(82676)	(04024)	(82679)	(82685)	(49236)	(50471)	(38538)	(38548)
MAR													
20	<.004	<.022	<.011	<.09	<.01	< .004	<.010	<.011	< .02	<.22		< .12	
APR 30													
30	< .004	<.022	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008	< .02
30 SEP	< .004	<.022	<.011	<.02	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.008	<.02
04	< .004	<.022	<.011	<.02	<.01	< .004	<.010	<.011	<.02	<.010	<.02	<.008	< .02
													_
			0.36	- 1	m 1		m 1	m1 :		. .	Tri-		Sus-
		Sima-	Sulfo- met-	Tebu- thiuron	Terba- cil,	Terba-	Terbu- fos,	Thio- bencarb	Tri-	Tri- clopyr,	flur- alin,	TTeen	pended sedi-
	Silvex,	zine,	ruron,	water	water,	cil,	water,	water	water,	water,	water,	Uranium natural	ment
	water,	water,	water,	fltrd	fltrd	water,	fltrd	fltrd	fltrd	fltrd	fltrd	water,	concen-
Date	fltrd,	fltrd,	fltrd,		0.7u GF	fltrd,			0.7u GF		0.7u GF	fltrd,	tration
Dacc	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	uq/L	uq/L	mq/L
	(39762)	(04035)	(50337)	(82670)	(82665)	(04032)	(82675)	(82681)	(82678)	(49235)	(82661)	(22703)	(80154)
	(33,02)	(01033)	(30337)	(020,0)	(02000)	(01032)	(02075)	(02001)	(02070)	(15255)	(02001)	(22,03)	(00101)
MAR													
20	< .03	<.005		<.02	<.034		<.02	<.005	< .002	<.09	<.009	4.32	1
APR													
30		<.005	<.009	<.02	< .034	<.010	<.02	< .005	<.002	< .02	<.009	4.47	1
JUN													
30		<.005	<.009	<.02	< .034	<.010	<.02	<.005	<.002	<.02	<.009	4.41	3
SEP													
04		< .005	< .009	< .02	< .034	<.010	< .02	<.005	< .002	< .02	<.009	4.32	1

Date	Sus- pended sedi- ment load, tons/d (80155)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
MAR 20 APR 30 JUN 30 SEP 04	72 56 94 19	70 88 83

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

09422500 LAKE MOHAVE AT DAVIS DAM, AZ-NV

LOCATION.--Lat 35°11'50", long 114°34'07", in SW $^{1}/_{4}$ SW $^{1}/_{4}$ sec.18, T.21 N., R.21 W., Gila and Salt River meridian, Mohave County, Arizona, Hydrologic Unit 15030101, on forebay structure on Arizona side of Davis Dam on Colorado River, 29 mi west of Kingman, Az., and 67 mi downstream from Hoover Dam.

DRAINAGE AREA.--173,300 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing. PERIOD OF RECORD.--January 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by earthfill and rockfill dam; dam completed in April 1949 and storage began Jan. 17, 1950. Usable capacity, 1,810,000 acre-ft between elevations 533.39 ft - lowest point of penstock outlet - and 647.0 ft - top of spillway gates. A small amount of additional storage is available through use of splashboards on the spillway gates. Dead storage, 8,530 acre-ft below elevation 533.39 ft. Lake is used for power development, regulation for irrigation demand, and to satisfy requirements of the Treaty of 1944 with Mexico. Figures given herein represent usable contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,811,000 acre-ft, May 24, 1958, May 29, 1963, May 29, 1982; maximum elevation, 647.04 ft, May 29, 1963, May 29, 1982; minimum contents (since 1952), 1,168,000 acre-ft, September 8, 1953, elevation, 622.15 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 1,752,000 acre-ft February 13, elevation, 644.92 ft; minimum, 1,462,000 acre-ft November 19, elevation, 634.07 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)
628 1,309,000 641 1,644,000
632 1,409,000 644 1,726,000
635 1,486,000 647 1,810,000
638 1,564,000

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 2400 HOURS

					DAILI OBSI	A MOLIAVAE	1 2400 HOU	CA				
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1564000	1486000	1514000	1672000	1697000	1733000	1687000	1688000	1706000	1703000	1739000	1734000
2	1551000	1482000	1515000	1668000	1702000	1736000	1672000	1685000	1705000	1704000	1734000	1737000
3	1545000	1483000	1520000	1664000	1703000	1738000	1666000	1675000	1699000	1708000	1728000	1735000
4	1542000	1487000	1526000	1660000	1713000	1735000	1658000	1673000	1693000	1702000	1723000	1734000
5	1536000	1490000	1528000	1666000	1715000	1723000	1646000	1669000	1681000	1698000	1729000	1733000
6	1529000	1487000	1532000	1662000	1722000	1710000	1644000	1676000	1689000	1695000	1725000	1725000
7	1525000	1484000	1538000	1668000	1721000	1703000	1641000	1682000	1683000	1679000	1719000	1715000
8	1519000	1485000	1543000	1675000	1724000	1698000	1647000	1688000	1679000	1670000	1716000	1706000
9	1513000	1485000	1548000	1680000	1724000	1699000	1652000	1694000	1672000	1673000	1723000	1695000
10	1509000	1480000	1556000	1688000	1726000	1695000	1656000	1693000	1669000	1678000	1736000	1692000
11	1512000	1480000	1562000	1690000	1731000	1689000	1657000	1691000	1673000	1680000	1726000	1688000
12	1505000	1478000	1567000	1688000	1744000	1694000	1650000	1693000	1675000	1684000	1723000	1683000
13	1504000	1477000	1571000	1679000	1752000	1700000	1641000	1698000	1686000	1683000	1726000	1676000
14	1503000	1475000	1572000	1675000	1746000	1693000	1646000	1698000	1696000	1693000	1718000	1670000
15	1504000	1477000	1580000	1682000	1744000	1684000	1643000	1703000	1699000	1700000	1711000	1662000
13	1304000	14//000	1360000	1662000	1/44000	1004000	1643000	1/03000	1699000	1700000	1/11000	1662000
16	1504000	1471000	1580000	1690000	1749000	1679000	1644000	1712000	1710000	1713000	1707000	1660000
17	1500000	1473000	1581000	1683000	1750000	1676000	1638000	1711000	1710000	1712000	1703000	1660000
18	1495000	1465000	1588000	1679000	1751000	1679000	1643000	1702000	1708000	1708000	1704000	1661000
19	1495000	1462000	1596000	1680000	1749000	1676000	1647000	1704000	1692000	1700000	1703000	1670000
20	1496000	1465000	1611000	1684000	1751000	1677000	1638000	1705000	1679000	1708000	1712000	1673000
21	1495000	1472000	1614000	1683000	1740000	1682000	1635000	1714000	1667000	1704000	1718000	1674000
22	1504000	1472000	1624000	1686000	1738000	1682000	1644000	1727000	1662000	1699000	1718000	1676000
23	1513000	1481000	1634000	1690000	1733000	1672000	1660000	1739000	1657000	1710000	1720000	1671000
24	1515000	1491000	1641000	1695000	1733000	1671000	1671000	1722000	1671000	1704000	1721000	1660000
25	1505000	1500000	1648000	1693000	1742000	1671000	1677000	1703000	1685000	1704000	1721000	1658000
25	1505000	1500000	1648000	1693000	1/42000	16/4000	16//000	1703000	1005000	1709000	1/35000	1058000
26	1495000	1508000	1658000	1695000	1742000	1674000	1680000	1692000	1694000	1700000	1735000	1659000
27	1495000	1515000	1665000	1693000	1735000	1680000	1678000	1697000	1696000	1708000	1729000	1651000
28	1493000	1518000	1658000	1696000	1729000	1683000	1682000	1707000	1694000	1712000	1731000	1642000
29	1495000	1511000	1659000	1701000		1687000	1682000	1722000	1696000	1724000	1733000	1641000
3 0	1495000	1516000	1662000	1701000		1687000	1685000	1726000	1698000	1739000	1727000	1641000
31	1485000		1676000	1703000		1686000		1714000		1743000	1738000	
MAX	1564000	1518000	1676000	1703000	1752000	1738000	1687000	1739000	1710000	1743000	1739000	1737000
MIN	1485000	1462000	1514000	1660000	1697000	1671000	1635000	1669000	1657000	1670000	1703000	1641000
(*)	634.97	636.15	642.17	643.15	644.10	642.54	642.51	643.54	642.99	644.59	644.44	640.86
(**)	-92000	+31000	+160000	+27000	+26000	-43000	-1000	+29000	-16000	+45000	-5000	-97000
()	- 22000	+21000	1 100000	T2/000	T20000	-43000	- 1000	T25000	- 10000	+47000	- 5000	- 51000

CAL YR 2002 MAX 1742000 MIN 1462000 (**) +22000 WTR YR 2003 MAX 1752000 MIN 1462000 (**) +64000

(**) Change in contents, in acre-feet.

^(*) Elevation, in feet, at end of month.

09423000 COLORADO RIVER BELOW DAVIS DAM, AZ-NV

LOCATION.--Lat 35°11'30", long 114°34'17", in SE ¹/₄NE ¹/₄ sec.1, T.32 S., R.66 E., Mount Diablo meridian, in Clark County, Nevada, Hydrologic Unit 15030101, on right bank, 0.5 mi downstream from Davis Dam, 29 mi west of Kingman, Az., and 68 mi downstream from Hoover Dam.

DRAINAGE AREA.--173,300 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing. PERIOD OF RECORD.--June 1905 to September 1907 (published as "at Hardyville"), March 1949 to current year.

REVISED RECORDS .-- WDR AZ-86-1: 1981.

GAGE.--Water-stage recorder. Datum of gage is 490.00 ft, NGVD of 1929; gage readings have been reduced to elevations NGVD of 1929 since October 1, 1967. 1905-7, nonrecording gage at site 4.8 mi downstream at datum about 3.4 ft lower. March 16 to May 3, 1949, water-stage recorder at site 0.5 mi downstream at datum 10.00 ft higher. May 4, 1949, to February 24, 1956, water-stage recorder at site 400 ft upstream at datum 10.00 ft higher. February 25, 1956, to September 30, 1967, water-stage recorder at present site at datum 10.00 ft higher.

REMARKS.--No estimated daily discharge. Records excellent. Flow regulated by Lake Mead since February 1, 1935, and by Lake Mohave since January 17, 1950. Many diversions upstream for irrigation, industrial, and municipal uses.

EXTREMES FOR PERIOD OF RECORD.--1905-7: Maximum daily discharge, 116,000 ft³/s, June 20, 1906; minimum daily, 2,850 ft³/s, January 5, 1906. 1949-2002: Maximum discharge, 46,200 ft³/s, July 2, 1983, elevation, 509.48 ft; maximum elevation, 513.91 ft, April 22, 1952; no flow at Davis Dam parts of several days July to September 1950 and December 27, 1950, when gates in dam were closed; minimum daily discharge, 285 ft³/s, August 3, 1950.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 26,100 ft³/s April 20, elevation, 505.27 ft; minimum daily, 3,590 ft³/s October 18.

		DIS	SCHARGE, C	UBIC FEET	PER SECON	D, WATER Y	EAR OCTOBE	ER 2002 TO	SEPTEMBER	2003		
						ILY MEAN V						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14800	10800	11100	9820	13000	11000	21200	18400	16300	17200	14100	13400
2	13900	9820	11200	10200	12300	11000	22300	18000	14400	13500	12200	12000
3	12700	9760	10500	11000	12300	15200	22600	17100	14500	14200	12100	11900
4	12800	9290	9770	9820	10800	15900	22600	15500	15900	17000	17400	12400
5	11300	9190	9610	9130	12500	17400	22600	18000	18200	16400	12100	12500
6	11200	9170	10600	8830	15000	17600	22500	17000	18100	16500	11900	12500
7	13900	9290	9390	9070	11300	17400	22400	16100	18600	16500	14600	12400
8	12600	10500	7810	9410	10400	14500	19900	15900	18800	15500	14400	12300
9	11500	10100	9660	11200	11700	15600	19700	16000	19500	14900	14800	12300
10	10200	10100	9110	10600	11300	17600	20000	17900	15700	17100	15000	12400
11	9960	10100	8890	10500	8650	17700	20600	19000	16100	17200	14300	12400
12	9870	11700	10000	10500	8620	14600	21000	19000	16300	16600	14600	12400
13	9830	12000	9970	11800	10000	15200	21200	16500	15800	17000	12200	11300
14	10000	11900	9560	10400	10500	17500	20700	16300	16100	16700	13100	11400
15	9840	11900	9560	9760	9890	17200	20800	16000	16700	15200	13300	12600
16	9850	11900	10700	7270	8010	15900	20300	16900	16600	14100	14100	12800
17	10200	11500	10700	14800	9230	17200	20100	16900	17600	16900	13400	11200
18	10900	12000	10600	12700	9970	18100	20800	16200	17400	16900	13000	11200
19	10400	11900	10600	10900	11900	18900	20200	17300	17600	16800	11800	11100
20	10400	11500	9890	10300	11400	20500	19700	18500	16000	15300	10800	11100
21	10500	11500	9180	10800	13000	18700	19800	17200	16400	16900	10900	11500
22	9170	11500	8480	11100	11800	18700	18800	16200	17800	18400	13700	11800
23	8920	10400	8540	9780	13300	18000	18700	16800	17500	14600	13800	12500
24	9650	10400	8600	11300	13500	17900	18600	17100	16800	16700	12200	13200
25	11600	11400	8640	12300	13100	18700	18600	17800	12600	16700	11100	12500
26	9880	11500	9670	11300	12500	20200	18500	17500	14900	15700	12100	12500
27	9830	9800	10000	12000	12400	20300	18500	16800	16200	14600	12800	13200
28	9770	10400	9920	12400	11000	20600	20500	16000	16500	14200	12800	13700
29	9670	11000	10900	11800		20700	21900	16500	15900	14100	12800	13700
3 0	9900	11000	10300	11800		20900	18700	17200	17100	13700	12800	15100
31	11000		9880	13200		20300		17600		15800	13400	
TOTAL	336040	323320	303330	335790	319370	541000	613800	529200	497900	492900	407600	371300
MEAN	10840	10780	9785	10830	11410	17450	20460	17070	16600	15900	13150	12380
MAX	14800	12000	11200	14800	15000	20900	22600	19000	19500	18400	17400	15100
MIN	8920	9170	7810	7270	8010	11000	18500	15500	12600	13500	10800	11100
AC-FT	666500	641300	601700	666000	633500	1073000	1217000	1050000	987600	977700	808500	736500

CAL YR 2002 TOTAL 5454530 MEAN 14940 MAX 21200 MIN 7810 AC-FT 10820000 WTR YR 2003 TOTAL 5071550 MEAN 13890 MAX 22600 MIN 7270 AC-FT 10060000

SNAKE VALLEY

10243260 LEHMAN CREEK NEAR BAKER, NV

LOCATION.--Lat 39°00'42", long 114°12'49", in sec. 10, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, Great Basin National Park, on left bank, 4.8 miles west of Baker.

DRAINAGE AREA.--11.0 mi².

PERIOD OF RECORD.--December 1947 to September 1955, October 1992 to September 1997, July to September 2002.

GAGE.--Water-stage recorder. Elevation of gage is 6,730 ft above NGVD of 1929, from topographic map. Prior to October 3, 1953, at site 45 ft downstream at same datum.

REMARKS .-- Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $80~\mathrm{ft^3/s}$, June 29, 1995, gage height, $5.01~\mathrm{ft}$; minimum daily, $0.63~\mathrm{ft^3/s}$, March 3, 1993

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10 ft³/s and maximum (*)

				Discha	Gage rge(height			Discharge	Gage height			
		I	Date T	ime (ft ³ /s			Date Time	2	(ft)			
				045 *32	*4.34			greater than base	` '			
		DISC	CHARGE,	CUBIC FEET		WATER Y MEAN	YEAR OCTOBER VALUES	2002 TO SEP	TEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAI	R APR	MAY	JUN	JUL	AUG	SEP
1	2.7	e1.8	1.4	0.92	1.0	e0.95		1.6	24	e11	5.4	4.8
2	2.7	e1.8 e1.8	1.3 e1.3	0.92 0.96	1.1 e1.0	e0.95 e0.95		1.6 1.6	23	e10 10	5.2 5.2	5.4 5.3
4	2.8	e1.8 e1.8	e1.3 e1.3	0.96	e1.0 e1.0	e0.95		1.6	23 23	9.8	5.2	5.3
5	2.6	1.8	e1.3	0.92	e0.90	e0.95		1.5	22	9.3	5.0	5.4
6	2.4	1.6	e1.2	0.90	e0.90	e0.95	1.1	1.5	21	9.4	4.9	5.2
7	2.8	1.5	e1.2	0.93	e0.95	e0.95		1.6	21	9.1	4.8	4.9
8	2.5	1.8	e1.2	0.99	e0.95	e0.95		1.6	21	8.7	4.7	4.9
9	2.4	e1.7	e1.2	0.96	e0.95	1.0	1.2	1.6	20	8.4	4.6	5.0
10	2.3	e1.7	e1.1	0.96	e0.95	1.1	1.2	1.6	20	8.4	4.5	5.0
11	2.2	1.7	e1.1	0.96	e0.95	1.2	1.2	1.6	21	7.9	4.4	4.9
12	2.1	1.7	e1.1	0.96	e0.95	1.2	1.3	1.6	20	7.3	4.3	4.8
13	2.1	1.8	e1.1	0.96	e0.95	1.2	1.3	1.7	19	7.1	4.5	4.8
14 15	2.1	1.7 1.7	e1.0 1.0	0.96 0.96	e0.95 0.95	1.3	1.3 1.4	1.9	18 18	6.8 6.4	4.4	e4.6 4.3
									4.5			
16	2.0	1.7	e1.1	e1.0	0.96 0.95	1.3	1.3 1.3	2.8	17	6.1	4.8	4.2
17 18	2.0 1.9	1.7 1.8	e1.1 e1.1	e1.0 e1.0	e0.95	1.3	1.3	3.4	17 16	6.3 6.1	4.6	4.2
19	1.9	1.7	e1.1	e1.0	e0.95	1.2	1.4	3.5	16	5.8	4.4	4.2
20	1.9	1.6	e1.1	e1.0	e0.95	1.2	1.3	3.6	15	5.6	4.5	4.3
21	1.9	1.6	e1.1	1.0	e0.95	1.2	1.4	4.0	15	5.8	4.6	4.1
22	1.8	1.6	e1.1	0.99	e0.95	1.2	1.3	5.0	14	6.2	5.2	3.9
23	1.8	1.6	e1.1	0.99	e0.95	1.2	1.4	6.0	14	6.1	4.9	3.7
24	1.8	1.6	e1.1	0.99	e0.95	1.2	1.3	7.1	14	6.0	4.9	3.6
25	1.8	e1.6	e1.1	0.99	e0.95	1.2	1.4	8.4	13	6.0	4.8	3.5
26	1.9	e1.5	e1.1	1.0	e0.95	1.2	1.4	10	13	5.9	4.9	3.5
27	1.8	e1.5	e1.1	1.0	e0.95	1.2	1.5	9.1	12	5.7	4.9	3.3
28	1.8	1.4	1.1	1.0	e0.95	1.1	1.4	12	12	5.3	4.8	3.2
29	1.7	e1.5	0.93	1.0		1.2	1.5	15	11	5.3	4.7	3.1
3 0	1.6	e1.5	0.92	1.0		1.1	1.7	20	e11	5.3	4.8	3.1
31	e1.7		0.94	1.0		1.1		24		5.5	4.7	
TOTAL	65.9	49.8	34.89	30.15	26.81	35.00	39.4	162.0	524	222.6	147.2	130.8
MEAN	2.13	1.66	1.13	0.97	0.96	1.13	1.31	5.23	17.5	7.18	4.75	4.36
MAX	2.8	1.8	1.4	1.0	1.1	1.3		24	24	11	5.4	5.4
MIN	1.6	1.4	0.92	0.90	0.90	0.95		1.5	11	5.3	4.3	3.1
AC-FT	131	99	69	60	53	69	78	321	1040	442	292	259
STATIST	CICS OF MC	NTHLY ME	AN DATA	FOR WATER	YEARS 194	8 - 200	3, BY WATER	YEAR (WY)				
MEAN	2.63	2.02	1.65	1.37	1.27	1.47		9.04	17.4	12.4	6.73	4.09
MAX	3.72	2.57	2.37	1.87	1.73	2.72		20.9	39.2	43.5	18.0	8.41
(WY)	1996	1996	1996	1996	1996	1949		1952	1995	1995	1995	1995
MIN (WY)	1.58 1954	1.43 1954	1.13	0.82 1954	0.74 1993	1.04 1953		1.85 1953	4.19 1953	4.90 1953	3.65 2002	2.09 1953
	STATISTI						TER YEAR			WATER YEAR		
ANNUAL	TOTAL					68.55						
ANNUAL HIGHEST LOWEST	MEAN ANNUAL M ANNUAL ME	EAN				4.02				5.25 11.0 2.51		1995 1953
LOWEST ANNUAL	DAILY ME DAILY MEA SEVEN-DAY PEAK FLO	AN 7 MINIMUM				0.90	May 31 Jan 6 Jan 1 May 30			0.63	Jun 27 Mar 3 Feb 28 Jun 29	1993 1993
ANNUAL 10 PERC	I PEAK STA RUNOFF (A	AC-FT) EDS			29	4.34 10 10				3810 13	Jun 29	1995
	ENT EXCEE					1.7				2.4 1.2		

e Estimated

SPRING VALLEY

10243700 CLEVE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12′58", long 114°31′44", in SE 1/4 SE 1/4 sec.27, T.16 N., R.66 E., White Pine County, Hydrologic Unit 16060003, on right bank, 2.3 mi downstream from North Fork, 4 mi southwest of Cleveland Ranch headquarters, and 18 mi east of Ely.

DRAINAGE AREA.--31.8 mi².

PERIOD OF RECORD.--June 1914 to December 1916 (published as Cleveland Creek near Osceola), October 1959 to September 1967, October 1976 to September 1981, December 1982 to September 1987, March 1990 to current year. Crest-stage partial-record station October 1967 to September 1976.

GAGE.--Water-stage recorder. Elevation of gage is 6,140 ft above NGVD of 1929, from topographic map. October 1, 1967, to September 30, 1976, crest-stage gage at same site and datum. Prior to September 13, 1984, at site 1/4 mi upstream, at different datum. Prior to April 18, 1985, at different datum. Prior to October 4, 1985, at datum 2.00 ft lower. From November 19, 1986, at site 75 ft downstream at datum, 5.2 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 440 ft 3 / s, May 30, 1983, gage height, unknown; minimum daily, 2.7 ft 3 / s, December 22, 1990.

	IES FOR C	URRENT Y	EARPea	k discharges	greater that Gage heigh	n base of	20 ft ³ / s a	nd maximu Dischar	ım (*). ge Gage he	eight .		
		Dat May		(ft ³ / s) *27	(ft) *1.95		Date Time		s) (ft)			
		DISC	HARGE, CUI	BIC FEET PE		WATER Y	EAR OCTOBER	2001 TO	SEPTEMBER	2002		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.3	5.1	5.6	e5.0	5.7	e4.7	6.3	8.7	25	9.2	6.2	5.3
2	5.4 5.5	5.2 5.4	5.6 5.5	e5.0 5.4	e5.2 e5.0	e4.6 e5.6	6.6 6.7	8.6 8.5	25 23	9.1 8.7	6.2 6.1	5.2 5.0
4	5.5	5.5	5.6	5.2	e5.0	e5.6	6.7	8.7	22	8.6	6.0	5.1
5	5.1	5.4	5.4	5.1	e4.8	e5.4	6.9	8.4	21	8.5	5.8	5.3
6	5.0	5.4	5.4	4.9	e4.6	5.8	6.8	8.4	20	8.4	5.8	5.3
7	4.9	5.4	5.3	4.9	e4.2	5.9	6.7	8.8	19	8.1	5.8	5.3
8	4.9	6.6	5.3	5.0	e4.0	5.9	6.6	9.3	18	7.9	5.6	5.2
9	4.9	6.7	5.3	5.1	e3.9	5.9	6.6	9.8	18	7.9	5.6	5.4
10	4.9	6.2	5.6	5.2	e4.4	5.9	6.7	10	17	7.7	5.5	5.4
11	4.9	6.0	5.6	5.2	e4.9	5.9	6.8	10	17	7.7	5.4	5.3
12	4.9	6.0	5.6	5.0	e5.4	5.9	7.1	11	17	7.4	5.5	5.2
13	4.9	5.9	5.5	5.0	6.0	6.0	7.3	11	16	7.4	5.5	5.2
14 15	4.9 4.9	5.8 5.8	5.5 5.2	4.9 4.9	5.8 5.7	6.0 6.3	7.6 8.1	12 12	15 14	7.3 7.2	5.5 5.6	5.4 5.2
13									11			
16	4.9	5.7	5.3	4.9	5.7	6.4	7.8	13	14	7.1	5.8	5.2
17	4.9	5.7	5.6	4.9	5.6	6.2	7.6	14	14	7.0	5.7	5.3
18	4.8	5.7	5.2	4.9	5.6	6.0	7.6	13	13	6.9	5.5	5.4
19 20	4.8	5.6 5.6	e4.8 e4.5	4.9 4.9	5.6 5.6	6.0 6.0	7.6 7.5	14 15	12 12	6.9 6.9	5.3 5.3	5.4 5.4
20			01.5		3.0	0.0						3.1
21	4.9	5.6	e4.3	4.9	5.6	6.0	7.6	16	12	6.7	5.6	5.4
22	4.9	5.6	e4.3	4.9	5.6	6.0	7.7	17	12	6.7	5.9	5.4
23 24	4.9 4.9	5.6 5.6	e4.3 e4.4	4.9 4.9	e5.2 5.7	6.0 6.3	8.5 9.0	19 20	12 11	6.6 6.5	5.6 5.4	5.4 5.3
25	4.9	5.6	e4.5	4.9	e5.2	6.2	8.9	22	11	6.8	5.3	5.3
26	5.2	5.4	e5.0	4.9	e5.0	6.3	8.9	23	10	6.6	5.3	5.3
27	5.2	5.5	5.7	5.2	e4.9	6.4	8.9	25	10	6.5	5.3	5.4
28	5.1	5.6	5.6	5.9	e5.0	6.3	8.8	26	9.7	6.3	5.2	5.5
29	5.2	5.6	5.4	5.7		6.2	8.9	26	9.4	6.1	5.1	5.5
3 0	5.1	5.6	e5.0	5.6		6.2	8.9	26	9.3	6.0	5.1	5.5
31	5.2		e5.0	5.6		6.3		26		6.1	5.1	
TOTAL	155.6	170.4	160.9	157.7	144.9	184.2	227.7	460.2	458.4	226.8	172.6	159.5
MEAN	5.02	5.68	5.19	5.09	5.17	5.94	7.59	14.8	15.3	7.32	5.57	5.32
MAX MIN	5.5 4.8	6.7 5.1	5.7 4.3	5.9 4.9	6.0 3.9	6.4 4.6	9.0 6.3	26 8.4	25 9.3	9.2 6.0	6.2 5.1	5.5 5.0
AC-FT	309	338	319	313	287	365	452	913	909	450	342	316
STATIST	rics of M	ONTHLY MEA	N DATA F	OR WATER Y	EARS 1914	- 2003	, BY WATER	R YEAR (W	Y)			
MEAN	7.32	7.27	6.82	6.54	6.87	8.46	12.3	22.3	23.5	10.7	8.00	7.33
MAX	16.8	15.3	12.9	11.5	11.8	15.4	30.3	82.9	117	30.0	21.1	16.2
(WY)	1985	1985	1985	1984	1984	1984	1984	1983	1983	1983	1983	1983
MIN	4.54	4.53	4.27	4.05	4.42	4.58	5.20	6.85	5.63	4.60	3.99	3.75
(WY)	1993	1962	1961	1960	1960	1991	1991	1990	1992	1992	1960	1960
SUMMARY	/ STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 V	VATER YEA	.R	WATER YEAR	RS 1914 ·	- 2003
ANNUAL				2324.4			2678.9					
ANNUAL				6.37	7		7.3	3 4		10.1		
	ANNUAL 1 ANNUAL M									22.2	5	1984
	M YAIAA 1			12	May 20		26	May 2	Q.		May 3	
	DAILY ME.				Jan 21			Feb			Dec 22	
		Y MINIMUM		4.4	Dec 19			1 Feb		3.4	Dec 18	3 1990
	M PEAK FL							May 2		440		
	M PEAK ST.							96 May 3	1		8 May 14	1 2001
	RUNOFF (.			4610			5310			7340		
	CENT EXCE			9.5 5.7			12 5.6	5		17 7.4		
	CENT EXCE			4.8			4.9			7.4 5.0		
		-								2.0		

e Estimated

STEPTOE VALLEY

10244950 STEPTOE CREEK NEAR ELY, NV

(Hydrologic Benchmark Station)

 $LOCATION.-Lat~39^{\circ}12'05",~long~114^{\circ}41'15",~in~SW~^{1}/_{4}~SW~^{1}/_{4}~sec. 32,~T.16~N.,~R.65~E.,~White~Pine~County,~Hydrologic~Unit~16060008,~in~Humboldt~National~Forest,~on~left~bank,~0.1~mi~downstream~from~Clear~Creek,~0.8~mi~upstream~from~Cave~Creek,~and~11~mi~southeast~of~Ely.$

DRAINAGE AREA.--11.1 mi².

PERIOD OF RECORD.--June 1966 to current year.

PRECIPITATION: July 1991 to March 1996 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 7,440 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85 ${\rm ft}^3/~$ s, July 21, 1985, gage height, 3.21 ft; minimum daily, 1.6 ${\rm ft}^3/~$ s, February 20 and 21, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18 ft^3/s , May 31, gage height, 1.96 ft ; minimum daily, 1.7 ft^3/s , December 16-17.

		DISC	HARGE, CUE	IC FEET PE		WATER YE MEAN VA	EAR OCTOBER 2	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	2.5	2.3	2.1	2.3	2.3	e2.5	3.6	16	5.5	4.4	3.7
2	2.4	2.5	2.3	2.1	2.2	2.3	e2.6	3.5	15	5.4	4.4	3.6
3	2.3	2.6	2.2	2.1	2.2	2.3	e2.7	3.4	14	5.4	4.4	3.5
4	2.3	2.7	2.2	2.1	2.2	2.3	e2.7	3.4	13	5.4	4.4	3.5
5	2.2	2.7	2.1	2.1	2.1	2.2	e2.6	3.4	12	5.2	4.4	3.5
6	2.2	2.7	2.1	2.1	2.2	2.2	e2.5	3.4	11	5.3	4.4	3.4
7	2.2	2.7	2.1	2.0	2.2	2.2	e2.5	3.4	9.9	5.3	4.4	3.4
8	2.2	2.8	2.0	2.1	2.2	2.1	e2.4	3.4	9.6	5.3	4.3	3.4
9 10	2.2	2.7	1.9 2.0	2.2	2.2	2.2	e2.4 e2.4	3.4	9.1 8.7	5.4 5.4	4.2	3.4
11	2.2	2.8	2.0	2.2	2.2	2.2	e2.5	3.5	8.1	5.3	4.1	3.4
12	2.2	2.8	1.9	2.2	2.2	2.2	e2.5 e2.6	3.8	7.5	5.3	4.1	3.4
13	2.3	2.8	1.9	2.2	2.2	2.2	e2.6	4.2	7.5	5.2	4.2	3.4
14	2.3	2.8	1.9	2.2	2.3	2.2	e2.6 e2.7	4.2	6.8	5.3	4.1	3.3
15	2.3	2.8	1.9	2.2	2.4	2.2	e2.7	5.0	6.6	5.3	4.1	3.3
16	2.3	2.7	1.7	2.2	2.3	2.2	e3.0	5.7	6.5	5.3	4.0	3.4
17	2.3	2.7	1.7	2.2	2.3	e2.3	e3.0	6.5	6.3	5.3	4.0	3.4
18	2.3	2.7	1.7	2.2	2.3	e2.3	e3.0	6.3	6.2	5.4	4.0	3.4
19	2.3	2.7	1.9	2.2	2.3	e2.3	e3.0	6.3	6.3	5.3	3.9	3.4
20	2.5	2.7	2.0	2.2	2.3	e2.3	e3.0	6.2	6.3	5.2	3.9	3.4
21	2 4	2.6	2 1	2 2	2.2	e2.3	.2.2	6.9	6.2	5.0	4.0	3.4
22	2.4	2.6	2.1	2.2	2.2	e2.3	e3.2 e3.2	8.4	6.2	5.0	4.0	3.4
23	2.4	2.6	2.1	2.3	2.2	e2.3	e3.2 e3.2	9.7	6.2	5.0	3.8	3.4
	2.5						e3.2 e3.2				3.8	3.4
24		2.6	2.1	2.3	2.3	e2.3 e2.4	e3.2 e3.2	11	6.1 5.9	4.9	3.7	3.4
25	2.5	2.4	2.2	2.2	2.3	e2.4	e3.2	11	5.9	4.8	3.7	3.4
26	2.5	2.4	2.2	2.2	2.3	e2.4	e3.2	12	5.6	4.7	3.8	3.4
27	2.6	2.3	2.2	2.2	2.3	e2.4	e3.2	13	5.5	4.6	3.9	3.4
28	2.6	2.4	2.1	2.3	2.2	e2.4	e3.4	15	5.5	4.5	3.9	3.4
29	2.5	2.3	2.1	2.3		e2.3	e3.5	16	5.4	4.5	3.9	3.4
30	2.5	2.3	2.1	2.3		e2.3	e3.7	17	5.4	4.5	3.7	3.3
31	2.5		2.1	2.3		e2.4		17		4.5	3.7	
TOTAL	73.3	78.6	63.4	68.0	62.9	70.5	86.5	223.3	243.9	158.5	126.0	102.4
MEAN	2.36	2.62	2.05	2.19	2.25	2.27	2.88	7.20	8.13	5.11	4.06	3.41
MAX	2.6	2.8	2.3	2.3	2.4	2.4	3.7	17	16	5.5	4.4	3.7
MIN	2.2	2.3	1.7	2.0	2.1	2.1	2.4	3.4	5.4	4.5	3.7	3.3
AC-FT	145	156	126	135	125	140	172	443	484	314	250	203
STATIST	ICS OF MO	ONTHLY MEA	N DATA FO	OR WATER Y	EARS 1966	- 2003	, BY WATER	YEAR (WY)				
MEAN	4.94	4.47	3.97	3.65	3.62	4.06	5.90	11.8	14.8	10.1	6.67	5.39
MAX	10.7	9.74	8.49	7.02	7.09	8.85	13.9	39.7	59.4	33.5	18.0	11.9
(WY)	1983	1983	1983	1984	1984	1983	1984	1983	1983	1983	1983	1983
MIN	2.22	2.04	1.94	1.89	1.81	1.94	2.34	2.48	3.52	2.71	2.20	2.16
(WY)	1993	1993	1993	1993	1993	1991	1991	1991	1992	1992	1992	1992
SUMMARY	STATIST	ICS	FOR 2	2002 CALEN	DAR YEAR	1	FOR 2003 WA	TER YEAR		WATER YEAR	RS 1966	- 2003
ANNUAL	TOTAL			1013.6			1357.3					
ANNUAL	MEAN			2.78			3.72			6.6	7	
	' ANNUAL N	MEAN								18.9		1983
	ANNUAL ME										4	
	DAILY ME			4.7	May 31		17	May 30			May 25	
	DAILY MEA				Dec 16			Dec 16			Feb 20	
		MINIMUM		1.8				Dec 12			Feb 20	
	PEAK FLO						18			85		
	PEAK STA							May 31			1 May 24	
	RUNOFF (A			2010			2690	-		4830	•	
	ENT EXCE			3.5			6.2			13		
	ENT EXCE			2.7			2.7			4.6		
90 PERC	ENT EXCE	EDS		2.2			2.2			2.7		

e Estimated

10245445 ILLIPAH CREEK NEAR HAMILTON, NV

 $LOCATION.-Lat~39^{\circ}19'07'',~long~115^{\circ}23'39'',~in~NE~^{1}/_{4}~NW~^{1}/_{4}~sec.25,~T.16~N.,~R.58~E.,~White~Pine~County,~Hydrologic~Unit~16060007,~in~Humboldt~National~Forest,~on~left~bank,~4.5~mi~southwest~of~Illipah,~6.7~mi~northeast~of~Hamilton,~and~28~mi~northwest~of~Ely.$

DRAINAGE AREA.--31.5 mi².

PERIOD OF RECORD.--June 1983 to September 1987, January 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,840 ft above NGVD of 1929, from topographic map. Prior to December 13, 1983 at present site, at datum 1.0 ft higher.

REMARKS.-- Records fair, except for estimated daily discharges, which are poor. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 446 ft 3 / s, August 22, 1984, gage height, 6.05 ft; minimum daily, 0.34 ft 3 / s, February 10, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20 ft³/s, May 11, gage height, 1.97 ft; minimum daily, 0.34 ft³/s, February 10.

		DISC	HARGE, CU	BIC FEET P		WATER YEAL Y MEAN VAI	AR OCTOBER LUES	2002 TO S	EPTEMBER 2	003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				e1.5	1.6	1.2	1.1	1.4	1.2	1.5	1.5	2.2
2				e1.5	1.7	e1.2	1.3	1.4	1.2	1.5	1.5	1.9
3				e1.5	e1.3	e1.2	1.5	1.4	1.2	1.5	1.4	1.9
4				e1.5	e1.0	1.2	1.5	1.7	1.2	1.5	1.5	2.2
5				e1.5	0.75	e1.2	1.4	1.4	1.3	1.5	1.4	2.2
6 7				e1.5 e1.5	e0.52 0.37		1.3	1.4	1.3	1.5		
8				e1.5		1.3				1.4	1.4	2.3
9				e1.5	e0.30	1.2	1.2	1.8	1.7	1.4	1.4	2.5
10				e1.5	0.34	1.2	1.3	2.7	1.6	1.4	1.5	2.7
11				e1.5	e1.0	1.3	1.2	6.5	1.6	1.4	1.5	e2.7
12				e1.5		1.3	1.2	5.0	1.7	1.4	1.6	e2.8
13				e1.5		1.6				1.3		
14					e1.5	1.4				1.3		
15				1.5	1.5	2.2	1.7	1.6	1.7	1.3	1.4	2.9
16				2.1	1.3	1.6	1.5	1.5	1.8 1.8 1.8	1.4	1.4	2.9 e2.9
17				1.6		1.1	1.6	1.5	1.8	1.4	1.4	e2.9
18					e1.3	1.3		1.4	1.8	1.4		
19 20				1.6	e1.3 1.3	1.6 1.2		1.4	1.7	1.5 1.5		
0.1				1.4	- 1 2	1 4	1 5	1 2	1 0	1 5	1 5	-0.0
21 22				1.4 1.7	e1.3 e1.3	1.4	1.5	1.3	1.8	1.5	1.7	e2.9 e2.9
23				1.4	e1.3	1.1	2.4	1.3	1.8	1.5	1.5	e3.0
24					1.3	1.2		1.3		1.4		
25				1.6		1.1				1.5		
26				1.4	e1.3	1.1	1.5	1.2	1.6	1.5	1.6	3.0
27					e1.3	1.2	1.6		1.5	1.5		3.0
28					e1.2	1.5	1.6	1.2	1.5	1.4	1.6	3.0
29				1.5		1.7	1.7	1.1	1.6	1.4	1.8	3.0
30				1.6		1.1	1.4	1.1	1.6	1.4	1.8	3.0
31				1.5		1.1		1.1 1.1 1.2		1.4	1.8	
TOTAL				47.7	32.49	40.5	44.8	54.6	47.5	44.6	47.3	81.0
MEAN					1.16			1.76				
MAX					1.8	2.2		6.5		1.5	2.0	3.0
MIN						1.0	1.1	1.1	1.2	1.3	1.2	1.9
AC-FT				95	64	8 0	8 9	108	94	88	94	161
STATIST	CICS OF MC	ONTHLY MEA	AN DATA F	OR WATER	YEARS 198	3 - 2003,	BY WATER	YEAR (WY)			
MEAN	3.25	3.01	2.93	2.68	2.70	2.83	2.82	2.81	3.32	3.31	3.40	3.41
MAX	7.70	6.12	8.25			7.59	8.28	7.81	9.40	9.36	9.59	8.38
(WY)	1984	1984	1984	1984	1984	1984	1984	1984	1983	1983	1984	1983
MIN	0.79	0.60 1992	0.30	0.39	0.41	0.67	0.69	0.60	0.63	0.48	0.51	0.63
(WY)	1993	1992	1991	1993	1993	1992	1992	1992	1992	1992	1992	1991
SUMMARY	STATISTI	CS		WATER YE	ARS 1983	- 2003						
ANNUAL	MEAN			3.	11							
HIGHEST	' ANNUAL M	MEAN		8.	11	1984						
LOWEST	ANNUAL ME	EAN		0.		1992						
	DAILY ME			46	Aug 2	2 1984						
	DAILY MEA			0.	03 Nov 1	7 1994						
		MINIMUM		0.	15 Dec 2	0 1990						
	PEAK FLO			446		2 1984						
	I PEAK STA RUNOFF (A			6. 2250	05 Aug 2	∠ 1984						
	ENT EXCEE			2250 7.								
	ENT EXCEE			2.								
	ENT EXCEE			0.								

e Estimated

MONITOR VALLEY-DIAMOND VALLEY SYSTEM

10245900 PINE CREEK NEAR BELMONT, NV

 $LOCATION.--Lat~38^{\circ}47'40", long~116^{\circ}51'13", in~NW~^{1}/_{4}~SE~^{1}/_{4}~sec.13, T.11~N., R.45~E., Nye~County, Hydrologic~Unit~16060005, on~right~bank, 2.9~mi~west~of~Pine~Creek~Ranch, and 13.8~mi~north~of~Belmont.$

DRAINAGE AREA.--12.2 mi 2 .

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder. Elevation of gage 7,560 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 ft 3 / s, May 29, 1983, gage height, 4.66 ft; minimum daily, 0.24 ft 3 / s, August 26, 1997.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20 ft³/ s and maximum (*):

1 0.98 0.99 1.1 1.0 0.95 0.89 1.2 1.3 17 2.9 2.6 2.0 2.0 2.1 0.0 e1.0 1.1 1.0 0.88 0.88 1.2 1.3 16 2.8 2.9 1.5 3 1.1 e1.1 1.1 e1.0 0.86 0.88 1.2 1.3 16 2.8 2.9 1.5 3 1.1 e1.1 1.1 e1.0 0.86 0.88 1.2 1.3 16 2.8 2.9 1.5 1.5 1.1 1.2 1.1 e1.0 e0.84 0.88 1.1 1.3 14 2.6 2.6 2.6 1.5 5 1.1 1.2 1.1 1.0 e1.0 e0.84 0.88 1.1 1.3 14 2.6 2.6 2.6 1.5 1.5 1.1 1.2 1.1 1.0 e0.82 0.88 1.0 1.3 13 2.5 2.5 1.5 1.5 1.0 1.3 13 2.5 2.5 1.5 1.5 1.0 1.3 13 2.5 2.5 1.5 1.5 1.0 1.3 13 2.4 2.4 2.4 1.5 1.0 1.0 1.3 13 1.0 1.3 13 2.4 2.4 2.4 1.5 1.0 1.0 1.3 13 1.5 1.2 2.4 2.3 1.8 1.0 1.3 1.0 1.3 1.3 1.0 1.3 1.5 1.2 2.4 2.5 1.5 1.5 1.0 1.0 1.0 1.3 1.3 1.4 11 1.0 1.0 1.0 1.0 1.3 1.3 1.4 11 1.2 1.1 1.0 1.0 1.0 1.0 1.3 1.3 1.4 11 1.1 1.1 1.0 1.0 1.5 1.2 1.1 1.0 1.1 1.0 1.3 1.3 1.1 1.4 1.2 1.2 1.3 1.3 1.4 1.4 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	EXIKEN	IES FOR C	UKKENI	YEAR.	-Peak	aiscnar	ges g		n base di	scnarg	e or 20 m	s and i				
Part Time						Disch	arge	_				Discharge	_			
DISCLARGE, CUBIC FEET PER SECOND. WATER YEAR OCTOGER JOIN SEPTEMBER 2003 TO SEPTEMBER 2003 TO SEPTEMBER 2004 TO SEPTEM						$(ft^3/$	_	(ft)				(ft^3/s)	(ft)			
DAY OCT NOV DEC JAN PEB MAR APR MAY JUN JUL AUG SEE 1 0.98 0.99 1.1 1.0 0.95 0.88 0.88 1.2 1.3 17 2.9 2.6 2.8 2.9 1.5 3 1.1 e1.1 1.1 e1.0 0.86 0.88 1.2 1.3 16 2.9 2.6 2.8 2.9 1.5 3 1.1 e1.1 1.1 e1.0 e0.84 0.88 1.2 1.3 16 2.7 2.8 1.5 4 1.1 1.2 1.1 1.0 e0.81 0.86 0.88 1.1 1.3 14 2.6 2.6 2.6 1.5 5 1.1 1.2 1.1 1.0 0.86 0.88 1.1 1.3 14 2.6 2.6 2.6 1.5 5 1.1 1.2 1.1 1.0 0.86 0.88 1.0 1.3 13 12 2.5 2.5 1.5 7 0.98 1.2 1.1 1.0 0.86 0.88 1.0 1.3 13 12 2.5 2.5 1.5 8 0.98 1.2 1.1 1.0 0.86 0.88 1.0 1.5 12 2.3 2.3 2.3 1.6 8 0.98 1.2 1.1 1.0 0.0 0.86 0.88 1.0 1.5 12 2.3 2.3 2.3 1.6 9 0.99 1.2 1.1 1.0 0.0 0.80 0.88 1.0 1.5 12 2.3 2.3 2.3 1.6 10 0.99 1.8 e1.0 1.0 0.79 0.89 1.1 1.5 12 2.3 2.3 2.3 1.8 10 0.99 1.8 e1.0 1.0 0.79 0.89 0.9 1.1 1.4 12 2.3 2.1 1.8 11 1.0 1.3 1.1 0.0 0.95 0.93 1.2 1.4 12 2.2 2.1 1.8 11 1.0 1.3 1.1 0.0 0.95 0.93 1.2 1.4 12 2.2 2.1 1.8 11 1.0 1.3 1.1 0.0 0.95 0.93 1.2 1.4 12 2.2 2.1 1.8 11 1.0 1.3 1.1 0.0 0.92 0.99 0.90 1.1 1.4 12 2.1 2.0 1.1 12 1.0 1.3 1.1 0.0 0.92 0.99 1.1 1.1 1.4 12 2.1 2.0 1.1 13 1.0 1.3 1.1 0.0 0.92 0.93 1.1 1.2 1.3 1.4 11 2.1 2.1 2.0 1.3 14 1.1 1.3 1.0 0.92 0.99 1.1 1.3 1.4 11 2.1 2.1 2.0 1.5 15 1.1 1.2 1.1 0.92 0.99 0.99 1.1 1.3 1.4 11 2.1 2.1 2.0 1.5 16 1.1 1.2 1.1 0.92 0.99 0.99 1.1 1.2 1.1 1.0 1.0 1.3 1.4 11 2.1 2.1 2.0 1.5 17 1.1 1.2 1.1 0.99 0.99 0.99 0.99 0.99 0.99 0.99			DI	•			PER	SECOND,		EAR O	CTOBER 2		_			
2 1.0 el.0 1.1 1.1 1.0 0.88 0.88 1.2 1.3 16 2.8 2.9 1.5 3 1.1 el.1 1.1 1.1 1.1 1.0 0.86 0.88 1.1 1.3 15 2.7 2.8 1.5 4 1.1 1.2 1.1 1.0 el.0 0.84 0.88 1.1 1.3 15 2.7 2.8 1.5 5 1.1 1.2 1.1 1.0 el.0 8.4 0.88 1.1 1.3 14 2.6 2.6 2.6 1.5 5 1.1 1.2 1.1 1.0 el.0 8.4 0.88 1.0 1.3 13 14 2.6 2.6 2.6 1.5 5 1.1 1.0 1.0 el.0 8.4 0.88 1.0 1.3 13 12 2.4 2.4 1.5 5 1.1 1.0 el.0 8.0 0.88 1.0 1.3 13 12 2.4 2.4 1.5 8 1.0 1.3 13 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	DAY	OCT	NOV	DE	lC	JAN						MAY	JUN	JUL	AUG	SEP
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To 0.98 1.0 1.1 1.0 0.98 0.88 1.0 1.5 12 2.4 2.2 1.8 8 0.98 2.0 1.0 1.0 0.79 0.89 1.1 1.5 12 2.4 2.2 1.8 9 0.99 1.8 el.0 1.0 0.79 0.90 1.1 1.4 12 2.3 2.1 1.8 1.0 10 0.99 1.5 1.1 1.0 0.95 0.93 1.2 1.4 12 2.2 2.1 1.8 1.0 1.0 1.3 1.1 1.0 1.3 1.4 12 2.2 2.1 1.8 1.1 1.0 1.3 1.1 1.0 0.96 0.98 1.3 1.4 11 2.1 2.0 1.8 1.1 1.1 1.0 1.3 1.1 1.3 1.4 10 2.1 1.9 1.7 1.4 1.1 1.3 1.1 0.92 1.0 1.1 1.3 1.4 10 2.1 1.9 1.7 1.4 1.1 1.3 1.0 0.92 0.97 1.1 1.2 1.7 7.4 1.9 1.8 1.6 1.5 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.7 7.4 1.9 1.8 1.6 1.5 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.8 6.5 1.9 1.7 1.6 1.6 1.1 1.2 1.1 0.96 0.88 0.96 1.2 2.2 2.5 5.0 1.8 1.6 1.6 1.5 1.1 1.2 1.1 0.96 0.88 0.96 1.2 2.2 2.5 5.0 1.8 1.6 1.6 1.6 1.6 1.5 1.	6	0.99	1.2	1.1		1.0	6	0.81	0.88		1.0	1.3	13	2.4	2.4	1.9
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13 1.0 1.3 1.1 0.92 1.0 1.1 1.3 1.6 8.7 2.0 1.9 1.7 1.4 1.1 1.3 1.6 8.7 2.0 1.9 1.7 1.4 1.1 1.3 1.0 0.92 0.97 1.1 1.2 1.7 7.4 1.9 1.8 1.7 1.6 1.5 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.8 6.5 1.9 1.7 1.6 1.6 1.1 1.2 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.8 6.5 1.9 1.7 1.6 1.6 1.6 1.1 1.2 1.1 1.2 1.1 0.94 0.98 0.98 0.96 1.2 2.2 5.0 1.8 1.7 1.6 1.6 1.6 1.6 1.1 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.2 5.0 1.8 1.6 1.6 1.6 1.6 1.8 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.6 1.9 1.1 1.2 e1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.6 1.6 1.6 1.6 1.9 1.1 1.2 e1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	11	1.0	1.4	1.1		1.0		0.96	0.98		1.3	1.4	11	2.1	2.0	1.8
14 1.1 1.3 1.0 0.92 0.97 1.1 1.2 1.7 7.4 1.9 1.8 1.6 1.6 1.1 1.2 1.1 1.2 1.1 1.2 1.8 6.5 1.9 1.7 1.6 1.6 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.8 6.5 1.9 1.7 1.6 1.6 1.7 1.1 1.1 1.2 1.1 1.0 0.94 0.90 1.0 1.3 2.0 5.7 1.8 1.8 1.7 1.6 1.6 1.6 1.1 1.1 1.2 1.1 1.0 0.96 0.88 0.96 1.2 2.2 5.0 1.8 1.6 1.6 1.6 1.6 1.9 1.1 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.9 1.1 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.9 1.1 1.2 1.2 1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.8 1.5 1.6 1.6 1.6 1.1 1.2 1.2 1.2 1.0 0.95 0.92 0.92 1.3 3.0 4.3 1.8 1.9 1.5 1.6 1.6 1.6 1.2 1.2 1.2 1.2 1.0 0.95 0.92 0.92 1.3 3.0 4.0 4.2 2.0 1.8 1.9 1.5 1.6 1.2 1.2 1.2 1.2 1.0 0.94 0.91 0.94 1.3 5.5 4.0 1.8 1.9 1.5 1.6 1.4 1.2 1.2 1.2 1.0 0.92 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.6 1.4 1.2 1.1 1.2 1.0 0.92 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.6 1.4 1.2 1.1 1.2 1.0 0.92 0.90 0.96 1.3 9.2 4.0 2.1 1.5 1.4 1.2 1.2 1.0 0.92 0.90 0.96 1.3 9.2 4.0 2.1 1.5 1.4 1.4 1.2 1.2 1.0 0.99 0.99 0.99 1.3 1.3 12 3.7 2.2 1.5 1.4 1.4 1.2 1.1 1.0 0.99 0.97 0.99 1.3 1.3 1.2 3.7 2.2 1.5 1.4 1.4 1.2 1.1 1.1 1.0 0.99 0.97 0.99 1.3 1.3 1.2 3.7 2.2 1.5 1.4 1.4 1.2 1.1 1.1 1.0 0.99 0.97 0.99 1.3 1.3 1.2 3.7 2.2 1.5 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	12	1.0	1.3	1.1				1.0	1.0		1.3	1.4		2.1	1.9	1.7
15 1.1 1.2 1.1 0.92 0.93 1.1 1.2 1.8 6.5 1.9 1.7 1.6 16 1.1 1.2 1.0 0.94 0.90 1.0 1.3 2.0 5.7 1.8 1.7 1.6 17 1.1 1.2 1.1 0.96 0.88 0.96 1.2 2.2 5.0 1.8 1.6 1.6 18 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 19 1.1 1.2 e1.0 0.96 0.89 0.93 1.2 2.4 4.6 1.7 1.6 1.6 20 1.1 1.2 e1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.6 20 1.1 1.2 e1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.8 21 1.2 1.2 e1.0 0.95 0.92 0.92 1.3 3.0 4.3 1.8 1.9 1.5 21 1.2 1.2 e1.0 0.99 0.91 0.94 0.91 1.3 5.5 4.0 1.8 1.8 1.9 1.5 22 1.2 1.2 1.2 e1.0 0.99 0.99 0.99 1.3 5.5 4.0 1.8 1.8 1.8 1.4 23 1.2 1.2 1.0 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.4 24 1.1 1.2 1.0 0.99 0.99 0.99 0.96 1.3 9.2 4.0 2.1 1.5 1.4 25 1.1 1.0 0.0 0.93 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 26 1.1 e1.0 e1.0 0.93 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 27 1.1 1.1 1.0 0.99 0.97 0.99 0.97 1.3 18 3.3 2.3 2.2 1.5 29 1.1 1.1 1.0 0.99 0.97 0.99 1.3 15 3.5 2.3 2.5 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.99 1.3 15 3.5 2.3 2.5 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.1 0.99 0.97 0.99 0.97 0.99 1.3 15 3.5 2.3 2.5 1.4 20 1.1 1.1 1.1 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 20 1.1 1.1 1.1 0.99 0.97 0.99 0.97 0.99 1.3 15 3.5 2.3 2.5 2.5 1.4 20 1.1 1.1 1.1 0.99 0.97 0.99 0.99 1.3 15 3.5 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9																1.7
16 1.1 1.2 1.0 0.94 0.90 1.0 1.3 2.0 5.7 1.8 1.7 1.6 1.6 1.7 1.1 1.1 1.2 1.1 0.96 0.88 0.96 1.2 2.2 5.0 1.8 1.6 1.6 1.6 1.6 1.6 1.9 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.9 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.6 1.6 1.9 1.1 1.2 el.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6																
17 1.1 1.2 1.2 1.1 0.96 0.88 0.96 1.2 2.2 2.2 5.0 1.8 1.6 1.6 1.6 1.8 18 1.2 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.6 1.9 1.1 1.1 1.2 e1.0 0.96 0.89 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	15	1.1	1.2	1.1		0.92		0.93	1.1		1.2	1.8	6.5	1.9	1.7	1.6
17 1.1 1.2 1.2 1.1 0.96 0.88 0.96 1.2 2.2 5.0 1.8 1.6 1.6 1.6 1.8 1.1 1.0 0.96 0.88 0.93 1.2 2.4 4.6 1.7 1.6 1.6 1.6 1.9 1.1 1.2 e1.0 0.96 0.91 0.90 1.2 2.6 4.5 1.8 1.5 1.6 1.9 1.1 1.2 e1.0 0.95 0.92 0.92 0.92 1.3 3.0 4.3 1.8 1.5 1.6 20 1.1 1.2 e1.0 0.95 0.92 0.92 0.92 1.3 3.0 4.3 1.8 1.9 1.5 1.6 20 1.1 1.2 e1.0 0.95 0.92 0.92 0.92 1.3 3.0 4.3 1.8 1.9 1.5 1.6 22 1.2 1.2 e1.0 0.94 0.91 0.94 1.3 5.5 4.0 1.8 1.8 1.8 1.4 22 1.2 1.2 1.0 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.4 23 1.2 1.2 1.0 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.4 24 1.1 1.2 1.0 0.92 0.99 0.96 1.3 9.2 4.0 2.1 1.5 1.4 25 1.1 1.0 0.92 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 25 1.1 1.0 0.92 0.99 0.95 1.3 12 3.7 2.2 1.5 1.4 26 1.1 1.0 0.97 0.92 0.97 1.3 15 3.5 2.3 2.5 1.4 28 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 1.0 0.99 0.93 1.1 1.4 23 3.0 2.6 2.0 1.3 30 1.1 1.1 1.0 0.99 0.94 1.2 20 2.6 1.9 2.6 1.9 1.3 1.1 1.1 1.0 0.99 0.99 0.99 0.99 1.3 15 3.5 2.3 2.5 1.4 31 1.1 1.1 0.0 0.93 1.1 1.4 23 3.0 2.6 2.0 1.3 30 1.1 1.1 1.1 0.0 0.93 1.1 1.4 23 3.0 2.6 2.0 1.3 30 1.1 1.1 1.0 0.99 0.99 0.99 0.91 1.3 15 3.5 2.3 2.5 2.2 2.1 1.4 31 1.1 1.0 0.99 0.99 0.99 0.99 0.99 0.99	16	1.1	1.2	1.0	1	0.94		0.90	1.0		1.3	2.0	5.7	1.8	1.7	1.6
1																1.6
20	18	1.2	1.1	1.0	1	0.96		0.88	0.93		1.2	2.4	4.6	1.7	1.6	1.6
21 1.2 1.2 e1.0 0.93 0.92 0.91 1.3 4.0 4.2 2.0 1.8 1.4 22 1.2 1.2 e1.0 0.94 0.91 0.94 1.3 5.5 4.0 1.8 1.8 23 1.2 1.2 1.0 1.0 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.4 24 1.1 1.2 1.0 0.92 0.90 0.96 1.3 9.2 4.0 2.1 1.5 1.4 25 1.1 1.0 e1.0 e1.0 0.92 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 26 1.1 e1.0 e1.0 0.93 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 27 1.1 1.1 1.0 0.97 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 28 1.1 1.1 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 e1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 TOTAL 33.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.5 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MMX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 3.7 2.9 2.9 2.9 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MMX 1.08 0.99 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 CUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY STATISTICS FOR 2022 CALENDAR YEAR FOR 2003 WATER YEAR (WY) SUMMARY SANUAL MEAN 20 20 20 20 20 20 20 20	19	1.1	1.2	e1.0	1	0.96		0.91	0.90		1.2	2.6	4.5	1.8	1.5	1.6
1	20	1.1	1.2	e1.0)	0.95		0.92	0.92		1.3	3.0	4.3	1.8	1.9	1.5
22 1.2 1.2 e1.0 0.94 0.91 0.94 1.3 5.5 4.0 1.8 1.8 1.4 23 1.2 1.2 1.0 0.92 0.92 0.98 1.2 7.1 4.0 1.9 1.6 1.4 24 1.1 1.2 1.0 0.92 0.92 0.96 1.3 9.2 4.0 2.1 1.5 1.4 25 1.1 1.0 e1.0 0.92 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 25 1.1 1.0 e1.0 0.92 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 26 1.1 e1.0 e1.0 0.93 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 27 1.1 1.1 1.0 0.97 0.92 0.97 1.3 18 3.3 2.3 2.2 2.1 1.4 28 1.1 1.1 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 1.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 1.2 20 2.6 1.9 1.5 1.6 MAX 1.2 2.0 1.1 1.0 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 2.0 MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 2.5	21	1.2	1.2	e1.0	1	0.93		0.92	0.91		1.3	4.0	4.2	2.0	1.8	1.4
24 1.1 1.2 1.0 0.92 0.90 0.96 1.3 9.2 4.0 2.1 1.5 1.4 25 1.1 1.0 0.92 0.92 0.95 0.95 1.3 12 3.7 2.2 1.5 1.4 25 1.1 1.0 0.91 0.92 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 26 1.1 e1.0 e1.0 0.93 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 27 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 31 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 31 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 31 1.1 1.1 1.0 0.99 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 31 1.1 1.1 e1.0 0.93 1.1 1.4 23 3.0 2.6 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 2.6 1.9 2.6 2.0 1.3 31 1.1 1.1 2.0 0.94 2.0 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 2.0 1.0 0.94 2.0 1.1 1.2 1.4 23 3.0 2.8 1.9 1.4 31 1.1 3.0 3.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.5 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 31 3.6 32 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	22		1.2	e1.0	1	0.94					1.3	5.5		1.8	1.8	1.4
25 1.1 1.0 e1.0 0.92 0.92 0.95 1.3 12 3.7 2.2 1.5 1.4 26 1.1 e1.0 e1.0 0.93 0.92 0.99 1.3 15 3.5 2.3 2.5 1.4 27 1.1 1.1 1.0 0.97 0.92 0.97 1.3 18 3.3 2.3 2.2 1.4 28 1.1 1.1 1.0 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.99 0.97 0.91 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 e1.0 0.93 0.91 1.4 23 3.0 2.6 2.0 1.3 31 1.1 e1.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 TOTAL 33.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.5 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MIN 0.98 0.99 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.63 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEAR 1984 1984 ANNUAL MEAN 2.01 1.80 1.80 1.99 0.99 0.99 0.99 0.99 0.99 0.99 0.9	23	1.2		1.0	1	0.92		0.92	0.98		1.2	7.1	4.0	1.9	1.6	1.4
26																1.4
27 1.1 1.1 1.0 0.97 0.92 0.97 1.3 18 3.3 2.3 2.2 1.4 28 1.1 1.1 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 el.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 el.0 0.94 1.2 20 2.6 1.9 TOTAL 33.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.5 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1987 1991 1991 1989 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 13.8 1985 LOWEST ANNUAL MEAN 13.8 1985 LOWEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 13.8 1985 LOWEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 14 11 MAY 21 1 MA	25	1.1	1.0	e1.0)	0.92		0.92	0.95		1.3	12	3.7	2.2	1.5	1.4
28 1.1 1.1 0.99 0.97 0.91 0.89 1.3 20 3.2 2.2 2.1 1.4 29 1.1 1.1 1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 1.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 1.5 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 2.6 1.9 2.6 1.9 1.3 1.1 1.1 1.0 1.0 1.0 1.2 1.4 23 3.0 2.8 1.9 1.4 2.1 2.2 2.0 1.1 1.2 2.0 1.1 1.2 2.0 1.3 3.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.9 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 1.7 2.9 2.9 2.9 2.0 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 1.7 2.9 2.9 2.9 2.0 3.0 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 3.41 3.41 3.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.3 3.0 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	26	1.1	e1.0	e1.0)	0.93		0.92	0.99		1.3	15	3.5	2.3	2.5	1.4
29 1.1 1.1 1.0 0.95 0.97 1.3 22 3.0 2.6 2.0 1.3 30 1.1 1.1 e1.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 1.4 31 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 1.1 1.1 1.1 1.1 1.2 1.2 1.2 1.2 1.	27	1.1	1.1	1.0	1	0.97		0.92	0.97		1.3	18	3.3		2.2	1.4
30 1.1 1.1 e1.0 0.93 1.1 1.4 23 3.0 2.8 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 2.6 1.9 1.4 31 1.1 e1.0 0.94 1.2 20 2.6 1.9 2.6 1.9 2.6 1.9 1.9 1.4 31 1.1 1.0 1.0 1.0 1.2 1.4 23 3.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.5 MERN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MIN 0.98 0.99 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 374 375 376 376 376 376 376 376 376 376 376 376	28	1.1	1.1	0.9	19	0.97		0.91	0.89		1.3	20	3.2	2.2	2.1	1.4
TOTAL 33.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.9 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1989 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 1985 1985 1985 1986 1993 1987 1987 1987 1991 1991 1991 1989 2000 1997 1987 1987 1987 1987 1987 1987 1991 1991																1.3
TOTAL 33.41 36.79 32.29 29.80 25.16 29.74 36.5 189.5 239.6 68.8 62.9 48.9 MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.01 3.00 MAY 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																
MEAN 1.08 1.23 1.04 0.96 0.90 0.96 1.22 6.11 7.99 2.22 2.03 1.63 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 1.7 2.9 2.9 2.0 MAX 1.2 1.2 1.4 23 1.7 2.9 2.9 2.0 MAX 1.2 1.2 1.4 23 1.5 1.3 3.0 1.7 1.5 1.3 M.C-FT 66 73 64 59 50 59 72 376 475 136 125 97 MAX 4.63 3.0 1.7 1.5 1.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	31	1.1		eı.c)	0.94			1.2			20		2.6	1.9	
MAX 1.2 2.0 1.1 1.0 1.0 1.2 1.4 23 17 2.9 2.9 2.0 MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1989 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.03 838.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.23 838.39	TOTAL	33.41	36.79	32.2	9	29.80	2	25.16	29.74	3	36.5	189.5	239.6	68.8	62.9	48.9
MIN 0.98 0.99 0.99 0.92 0.79 0.88 1.0 1.3 3.0 1.7 1.5 1.3 AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 72 376 ACFT 66 73 64 59 50 59 72 376 475 136 125 97 72 376 ACFT 66 73 64 59 50 59 72 376 ACFT 136 125 97 ACFT 13																1.63
AC-FT 66 73 64 59 50 59 72 376 475 136 125 97 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY) MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1989 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL TOTAL 735.02 833.39 LOWEST ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 May 30 200 May 29 1983																
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MEAN 2.19 1.82 1.50 1.32 1.23 1.61 3.07 16.5 22.5 7.45 3.41 2.25 MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 MAY 30 130 MAY 30 130 MAY 30 MAY	AC-FT	66	73	6	4	59		50	59		72	376	475	136	125	97
MAX 4.63 3.06 2.47 2.00 1.90 2.71 9.46 43.7 74.7 34.2 10.7 6.41 (WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 2.23 1990 1398 1398 1398 1398 1398 1398 1398 1398	STATIST	rics of M	ONTHLY N	MEAN DAT	A FOR	WATER	YEA	ARS 1978	3 - 2001	B, BY	WATER Y	YEAR (WY)				
(WY) 1985 1985 1984 1984 1984 1983 1985 1983 1995 1998 1984 1984 MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEAR WATER YEARS 1978 - 2003 ANNUAL MEAN 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 HIGHEST DALLY MEAN 2.23 1990	MEAN	2.19	1.82	1.5	0	1.32		1.23	1.61	3	3.07	16.5	22.5	7.45	3.41	2.25
MIN 1.08 0.99 0.98 0.83 0.75 0.89 1.14 1.77 6.38 1.60 0.60 0.83 (WY) 2003 1986 1993 1987 1987 1987 1987 1991 1991 1999 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 11 May 31 11 May 31 23 May 30 230 May 39 1983	MAX	4.63	3.06	2.4	7	2.00		1.90	2.71	9	9.46	43.7	74.7	34.2	10.7	6.41
(WY) 2003 1986 1993 1987 1987 1987 1991 1991 1989 2000 1997 1987 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 AUGUEST DALLY MEAN 11 May 31 23 May 30 200 May 30 May	(WY)	1985	1985	198	14	1984		1984	1983	1	L985	1983	1995	1998	1984	1984
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1978 - 2003 ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 HIGHEST DALLY MEAN 2.23 1990																0.83
ANNUAL TOTAL 735.02 833.39 ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 HIGHEST DALLY MEAN 2.23 May 30 290 May 29 1982																
ANNUAL MEAN 2.01 2.28 5.42 HIGHEST ANNUAL MEAN 13.8 1983 LOWEST ANNUAL MEAN 2.23 1990 HIGHEST ANNUAL MEAN 2.23 May 30 290 May 39 1992				I	FOR 20									WATER YEARS	1978 -	2003
UTCUECT DATLY MEAN 11 May 21 23 May 20 200 May 20 1092	ANNUAL HIGHEST	MEAN C ANNUAL	MEAN								2.28			5.42 13.8 2.23		1983 1990
MAXIMUM PEAK STAGE 2.27 May 30 4.66 May 29 1983	LOWEST ANNUAL MAXIMUN MAXIMUN	DAILY ME SEVEN-DA 1 PEAK FL 1 PEAK ST	AN Y MINIMU OW 'AGE	JM		0.	.73 .77	Sep 15			0.79 0.82 25 2.27	May 30 Feb 8 Feb 3 May 30 May 30		290 0.24 0.27 340 4.66	May 29	1983
ANNUAL RUNOFF (AC-FT) 1460 1650 3920 10 PERCENT EXCEEDS 5.2 3.6 13																
50 PERCENT EXCEEDS 1.1 1.2 1.9																
90 PERCENT EXCEEDS 0.92 0.92 1.0	90 PERC	CENT EXCE	EDS			0 .	92				0.92			1.0		

e Estimated

MONITOR VALLEY-DIAMOND VALLEY SYSTEM

10245910 MOSQUITO CREEK NEAR BELMONT, NV

 $LOCATION.-Lat~38^{\circ}48^{\circ}22^{\circ},~long~116^{\circ}40^{\circ}43^{\circ},~in~NW~^{1}/_{4}~SW~^{1}/_{4}~sec.10,~T.11~N.,~R.47~E.,~Nye~County,~Hydrologic~Unit~16060005,~17.9~mi~northeast~of~Belmont,~27.4~mi~east~of~Carvers~on~State~Highway~376,~and~59~mi~northeast~of~Tonopah.$

DRAINAGE AREA.--15.1 mi².

PERIOD OF RECORD.--October 1977 to September 1982, October 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 29, 1983; discharge, 119 ft³/s, gage height, 5.00 ft, runoff from snowmelt.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 92 ft³/ s, June 7, 1978, gage height, 3.55 ft; minimum daily, 0.04 ft³/ s, September 12, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharges of 4.0 ft³/ s and maximum (*).

EXIKEN	IES FOR C	UKKENI	YEAK	Peak discharg	ges greater tha rge Gage heig		-	Discharge G				
			Data	Time (ft ³ /			ite Time ((ft)	l		
			June 2	0730 *2.9		Da	ne mine (117 8)	(11)			
		DIS	SCHARGE,	CUBIC FEET		WATER YEAY Y MEAN VAI		2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DE	C JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.18	0.24	0.3	5 0.31	0.33	e0.31	0.44	0.55	2.6	0.54	0.31	0.23
2	0.22	0.28	0.3		0.33	e0.31	0.44	0.54	2.6	0.51	0.37	0.23
3	0.22	0.31	0.3		0.29	e0.32	0.41	0.53	2.5	0.49	0.35	0.20
4	0.25	0.31	0.3		e0.29	e0.32	0.40	0.54	2.4	0.43	0.30	0.21
5	0.25	0.32	0.3		e0.29	e0.32	0.36	0.52	2.4	0.39	0.25	0.21
6	0.24	0.31	0.3		e0.29	0.32	0.37	0.54	2.3	0.38	0.22	0.20
7	0.24	0.30	0.3		e0.29 e0.29	0.33	0.39	0.64	2.2	0.36	0.21 0.19	0.19
8 9	0.23	0.49	0.3		e0.29 e0.29	0.33	0.39	0.63 0.58	2.2	0.34	0.19	0.18 0.19
10	0.24	0.34	0.3		e0.29	0.34	0.46	0.57	2.0	0.31	0.18	0.13
11	0.24	0.32	0.3	1 0.24	e0.29	0.36	0.51	0.64	1.9	0.30	0.17	0.21
12	0.24	0.33	0.3	0.24	e0.29	0.37	0.57	0.81	1.9	0.28	0.16	0.19
13	0.24	0.35	0.32		e0.29	0.42	0.54	0.98	1.8	0.27	0.16	0.18
14	0.24	0.35	0.3		e0.29	0.45	0.59	1.0	1.6	0.25	0.16	0.17
15	0.24	0.33	0.3	0.22	e0.29	0.44	0.53	0.97	1.5	0.25	0.16	0.17
16	0.23	0.34	0.2	9 0.23	e0.29	0.39	0.51	1.1	1.5	0.26	0.18	0.16
17	0.28	0.34	0.3		0.29	0.37	0.50	1.1	1.4	0.28	0.18	0.18
18	0.29	0.31	0.2		e0.29	0.35	0.48	1.1	1.3	0.26	0.16	0.20
19	0.30	0.35	e0.3		e0.30	0.34	0.46	1.2	1.2	0.28	0.19	0.19
20	0.30	0.35	e0.3	0.22	e0.30	0.35	0.48	1.3	1.2	0.28	0.33	0.17
21	0.30	0.35	e0.3	0.22	e0.30	0.34	0.50	1.5	1.1	0.30	0.27	0.17
22	0.29	0.35	e0.3		e0.30	0.36	0.51	1.6	1.1	0.27	0.30	0.16
23	0.29	0.35	e0.3		e0.30	0.37	0.49	1.6	1.1	0.28	0.21	0.14
24	0.29	0.34	e0.3		e0.30	0.37	0.51	1.6	1.2	0.32	0.19	0.14
25	0.29	0.30	e0.3	0.25	e0.30	0.37	0.54	1.6	1.1	0.33	0.18	0.14
26	0.29	0.31	e0.3		e0.30	0.39	0.57	1.6	0.95	0.41	0.33	0.14
27	0.29	0.30	e0.3		e0.32	0.40	0.59	1.7	0.84	0.34	0.32	0.13
28	0.29	0.32	e0.3		e0.30	0.36	0.58	1.8	0.76	0.32	0.25	0.13
29 30	0.29	0.34	e0.3			0.37	0.57	2.0	0.65	0.35	0.22	0.12
31	0.28	0.36	e0.33			0.39	0.57	2.2	0.59	0.31	0.21	0.13
TOTAL	8.08	9.91	9.6		8.32	11.24	14.68	35.44	47.99	10.30	7.10	5.27
MEAN	0.26	0.33	0.3		0.30	0.36	0.49	1.14	1.60	0.33	0.23	0.18
MAX MIN	0.30	0.49	0.3		0.33	0.45	0.59	2.4 0.52	2.6 0.59	0.54	0.37 0.16	0.23
AC-FT	16	20	1:		17	22	29	70	95	20	14	10
STATIS	TICS OF MO	ONTHLY M	EAN DAT	A FOR WATER	YEARS 197	8 - 2003,	BY WATER	YEAR (WY)			
MEAN	0.77	0.72	0.5	9 0.52	0.50	0.66	1.52	6.64	10.1	3.05	1.17	0.75
MAX	1.87	1.67	1.1		1.02	1.47	3.66	21.8	56.7	16.4	4.79	2.36
(WY)	1996	1996	199		1988	1988	1985	2001	1995	1995	1995	1995
MIN	0.24	0.21	0.1	0.16	0.095	0.27	0.49	1.14	0.96	0.30	0.091	0.082
(WY)	1978	1978	197	1991	1987	1991	2003	2003	2002	2002	2002	1990
SUMMAR	Y STATIST	ICS	F	OR 2002 CAI	ENDAR YEAR	F	OR 2003 W	ATER YEAR	!	WATER YEA	RS 1978	- 2003
ANNUAL					30		176.1			_	_	
ANNUAL		4555		0.	47		0.4	8		2.2	5	1005
	T ANNUAL I ANNUAL MI									7.8	7	1995
	T DAILY M			1	7 May 22		2 6	Jun 1			-	
	DAILY ME				07 Aug 18			2 Sep 29		0 0	4 Sen 1	2 1990
	SEVEN-DA		M	0.				3 Sep 24		0.0	4 Sep 1	0 1990
	M PEAK FLO				. 5					92 3.5	Jun	7 1978
MAXIMU	M PEAK ST	AGE					1.3	Jun 2 1 Jun 2		3.5	5 Jun	7 1978
	RUNOFF (344			349			1630		
	CENT EXCE			1.			1.1			4.3		
	CENT EXCE			0.			0.3			0.7		
90 PER	CENT EXCE	EDS		0.	09		0.2	0		0.2	9	

e Estimated

BIG SMOKY VALLEY (NORTHERN PART)

10249280 KINGSTON CREEK BELOW COUGAR CANYON NEAR AUSTIN, NV

 $LOCATION.--Lat~39^{\circ}12'45", long~117^{\circ}06'45", in~NE~^{1}/_{4}~NW~^{1}/_{4}~sec.35, T.16~N., R.43~E., Lander County, Hydrologic Unit~16060004, in~Toiyabe~National~Forest, on left bank, 1.1~mi downstream~from~Cougar~Canyon, and 19~mi southeast of~Austin.$

DRAINAGE AREA.--23.4 mi².

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,480 ft above NGVD of 1929, from topographic map. August 22, 1975, to June 25, 1985, at site 40 ft upstream at datum 5.50 ft lower.

REMARKS.-- Records fair except for estimated daily discharges, which are poor. Two diversions above station. Flow affected by storage in Groves Reservoir, capacity, 190 acre-ft about 4 mi upstream since January 1970, when installation was completed by Nevada Department of Fish and Game for fishery enhancement and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 385 ft 3 / s, May 28, 1983, gage height, 3.19 ft; maximum gage height, 3.86 ft, June 3, 1995; minimum daily, 1.7 ft 3 / s, December 28, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9.1 ft³/s, July 7-11, 25, gage height, 1.19 ft; minimum daily, 2.7 ft³/s, several days in January.

		DISC	CHARGE, CUE	IC FEET PE		WATER YEA		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	3.3	3.8	3.1	3.0	2.9	3.2	3.7	5.7	7.9	7.9	5.8
2	4.1	3.5	3.8	3.0	3.1	2.9	3.3	3.6	5.9	7.8	8.2	5.7
3	4.1	3.5	3.9	3.0	3.0	2.9	3.3	3.6	6.1	7.8	8.0	5.6
4	4.0	3.4	3.8	3.0	3.1	2.9	3.1	3.8	6.2	7.8	7.9	5.7
5	3.9	3.3	3.7	2.9	3.0	2.9	3.1	3.8	6.3	8.0	7.7	5.9
6	3.9	3.3	3.7	2.9	3.1	2.9	3.1	3.9	6.5	8.1	7.7	5.7
7	3.8	3.3	3.7	3.0	3.0	3.0	3.1	4.0	6.6	8.5	7.7	5.5
8	3.9	3.4	3.7	2.9	3.1	3.0	3.1	4.3	6.8	8.9	7.4	5.5
9	3.9	3.6	3.7	2.9	3.1	2.9	3.1	4.1	6.8	8.8	7.1	5.4
10	3.7	3.7	3.7	2.9	3.1	2.8	3.1	4.0	6.7	8.8	7.0	5.4
11	3.7	3.7	3.6	2.9	3.1	2.9	2.9	4.0	6.6	8.8	6.8	5.4
12	3.7	3.7	3.6	2.9	3.1	2.9	2.9	4.0	6.8	8.6	6.7	5.1
13	3.7	3.7	3.5	2.7	3.2	3.0	3.0	3.9	6.9	8.5	6.7	5.0
14	3.7	3.7	3.5	2.7	3.3	3.0	3.2	4.1	6.9	8.5	6.6	5.0
15	3.5	3.8	3.5	2.7	3.2	3.2	3.2	4.2	6.8	8.5	6.7	4.9
16	3.5	3.7	3.4	2.7	3.3	3.2	3.2	4.3	6.8	8.5	6.5	4.8
17	3.5	3.7	3.4	2.7	3.3	3.3	3.3	4.4	6.9	8.5	6.4	4.8
18	3.6	3.7	3.4	2.7	3.3	3.3	3.2	4.6	7.1	8.5	6.4	4.8
19	3.5	3.8	3.3	2.7	3.4	3.3	3.2	4.7	7.2	8.5	6.6	4.7
20	3.5	3.9	3.4	2.7	3.3	3.4	3.1	4.7	7.2	8.4	6.8	4.6
21	3.3	3.9	3.3	2.7	3.3	3.3	3.1	4.7	7.2	8.4	6.6	4.6
22	3.3	3.9	3.3	2.7	3.3	3.3	3.1	4.7	7.2	8.2	6.4	4.6
						3.2						
23	3.4	3.8	3.2	2.7	3.3		3.2	4.8	7.7	8.1	6.1	4.5
24	3.4	3.9	3.2	2.7	3.2	3.2	3.2	4.9	7.8	8.3	6.0	4.4
25	3.4	3.9	3.3	2.7	3.0	3.2	3.1	4.9	7.7	8.5	5.9	4.4
26	3.3	3.9	3.2	2.8	3.0	3.3	3.1	4.6	7.6	8.4	6.3	4.4
27	3.3	3.8	3.1	2.9	3.1	3.3	3.2	4.7	7.7	8.3	6.1	4.2
28	3.3	4.0	3.1	3.1	3.0	3.3	3.3	4.8	7.7	e8.3	6.3	4.1
29	3.3	4.0	3.1	3.0		3.2	3.4	5.1	7.6	8.2	6.0	4.1
30	3.3	3.9	3.1	3.0		3.1	3.4	5.2	7.6	8.1	5.8	4.0
31	3.3		3.1	3.0		3.1		5.5		7.9	5.8	
TOTAL	111.8	110.6	107.0	88.3	88.3	96.0	94.9	135.6	208.9	258.4	210.1	148.6
MEAN	3.61	3.69	3.45	2.85	3.15	3.10	3.16	4.37	6.96	8.34	6.78	4.95
MAX	4.1	4.0	3.9	3.1	3.4	3.4	3.4	5.5	7.8	8.9	8.2	5.9
MIN	3.3	3.3	3.1	2.7	3.0	2.8	2.9	3.6	5.7	7.8	5.8	4.0
AC-FT	222	219	212	175	175	190	188	269	414	513	417	295
STATIST	rics of M	ONTHLY ME	AN DATA FO	OR WATER Y	EARS 1967	- 2003,	BY WATER	YEAR (WY	()			
										40.6	0.54	
MEAN	6.28	5.63	5.05	4.66	4.53	5.08	7.43	17.2	22.0	13.6	9.51	7.22
MAX	12.9	12.7	10.3	9.62	8.86	11.6	45.3	106	79.7	42.4	19.6	13.6
(WY)	1984	1984	1984	1984	1984	1984	1984	1984	1998	1998	1984	1984
MIN	3.17	3.14	2.85	2.64	2.75	2.96	2.99	4.37	6.09	5.36	4.24	3.76
(WY)	1967	1967	1967	1967	1982	1967	1967	2003	2000	2000	1972	1992
SUMMARY	Y STATIST	'ICS	FOR 2	2002 CALEN	DAR YEAR	F	OR 2003 W	ATER YEAR	₹.	WATER YEA	ARS 1967 -	2003
ANNUAL	TOTAL			1767.4			1658.5					
ANNUAL	MEAN			4.84			4.54	Į.		9.0)3	
HIGHEST	r Annual	MEAN								29.3	3	1984
	ANNUAL M										54	
	r DAILY M			7.6	Jun 2		8.9	Jul	3	240	May 28	1983
	DAILY ME				Dec 27			Jan 1			Dec 28	
		Y MINIMUM			Dec 25			Jan 1			Dec 24	
	M PEAK FL							Jul '			May 28	
	M PEAK ST							Aug 2			36 Jun 3	
	RUNOFF (3510			3290	21	-	6540		
	CENT EXCE			6.8			7.7			14		
	CENT EXCE			4.5			3.7			6.0	1	
	CENT EXCE			3.4			3.7			3.6		
) A E E A C	JUNE DACE			J.4			٥.٥			٥. ر	•	

e Estimated

BIG SMOKY VALLEY (NORTHERN PART)

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV

(Hydrologic Benchmark Station)

LOCATION.--Lat 38°53'15", long 117°14'40", in SW ¹/₄ NE ¹/₄ sec.22, T.12 N., R.42 E., Nye County, Hydrologic Unit 16060004, in Toiyabe National Forest, on right bank, 600 ft upstream from diversion, 3 mi west of State Highway 376, and 15 mi northwest of Round Mountain.

DRAINAGE AREA.--20 mi², approximately.

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site), August 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 510 ft³/ s, May 29, 1983, gage height, 4.39 ft; minimum daily, 0.35 ft³/ s, August 27, 1991.

	ust 27, 1991		RECORE	. Maximui	ii discharge.	, 510 107	3, 141dy 22,	1703, g	uge neight, -	+.37 It, IIIIIII	nani dan	y, 0.55 It /
EXTREM	IES FOR C	URRENT Y	EARP	_	-		discharge of 2	20 ft ³ /	s and maxir	num (*):		
				Discharge	Gage heigh	nt			Discharge	Gage height		
		Date	Time	(ft^3/s)	(ft)		Date	Time	(ft^3/s)	(ft)		
		May 29	0400	*25	*2.28		No other po	eaks greate	r than discharg	e.		
		DISC	HARGE, C	UBIC FEET		, WATER	YEAR OCTOBI	ER 2002	TO SEPTEME	BER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.7	1.6	1.5	1.6	1.7	1.9	4.1	21	3.5	1.2	0.96
2	1.3	e1.7	1.6	1.5	1.6	e1.7	1.8	4.1	20	3.3	1.5	0.89
3	1.4	1.6	1.6	1.5	e1.5	1.6	1.8	4.0	18	3.2	1.5	0.88
4	1.5	1.6	1.5	1.5	1.5	1.6	1.9	4.2	16	3.0	1.4	0.95
5	1.5	1.5	1.5	1.6	e1.5	1.7	1.8	4.0	14	2.9	1.3	0.93
6	1.5	1.5	1.5	1.6	e1.5	1.7	1.8	4.0	13	2.7	1.2	0.89
7	1.5	1.5	1.5	1.6	e1.5	1.7	1.8	4.0	13	2.6	1.1	0.86
8	1.5	1.7	1.5	1.6	e1.5	1.7	1.8	4.2	12	2.5	1.0	0.87
9	1.5	1.7	1.5	1.6	e1.5	1.7	1.7	4.1	11	2.2	0.97	0.88
10	1.5	1.8	1.5	1.6	1.8	1.7	1.7	4.2	11	2.1	0.88	0.91
11	1.5	1.9	1.5	1.6	1.5	1.7	1.7	4.5	10	2.0	0.80	0.89
12	1.5	1.9	1.5	1.6	1.7	1.7	1.8	5.1	10	1.9	0.72	0.86
13	1.7	1.9	1.5	1.6	1.8	1.7	2.0	5.7	9.5	1.8	0.68	0.87
14	1.9	1.9	1.5	1.6	1.7	1.8	2.4	6.7	8.8	1.7	0.63	0.85
15	2.1	1.9	1.5	1.6	1.7	1.8	2.8	7.6	8.0	1.5	0.54	0.82
16	2.2	1.8	1.5	1.6	1.6	1.9	3.7	8.7	7.5	1.5	0.51	0.80
17	2.2	1.8	1.5	1.6	1.6	2.0	4.0	9.5	7.0	1.4	0.46	0.88
18	2.1	1.8	1.7	1.6	1.6	2.0	4.1	9.8	6.5	1.3	0.42	0.91
19	2.1	1.8	e1.4	1.6	1.6	2.0	3.9	9.8	6.2	1.3	0.38	0.86
20	2.1	1.7	1.4	1.6	1.7	2.0	3.8	10	5.9	1.3	0.40	0.85
0.1	0 1	1 7	1 4	1 (1 7	1 0	2.0	1.1		1 2	0.20	0.06
21 22	2.1	1.7	1.4 1.5	1.6 1.6	1.7	1.9 1.9	3.9 3.9	11 12	5.7 5.5	1.3	0.39	0.86 0.85
23	2.1	1.7	e1.5	1.6	1.6	1.9	3.8	13	5.7	1.2	0.40	0.85
24	2.0	1.7	e1.5	1.5	1.7	1.9	3.8	15	5.6	1.2	0.38	0.86
25	2.0	1.7	1.7	1.5	1.7	1.9	3.9	18	5.0	1.3	0.37	0.91
26	2.0	1.7	1.5	1.5	1.7	1.9	3.9	20	4.5	1.4	0.70	0.97
27	2.0	1.6	1.5	1.5	1.7	1.9	4.0	21	4.3	1.3	0.86	1.0
28	1.9	1.6	1.5	1.6	1.7	1.9	4.1	23	4.0	1.4	0.89	1.1
29 30	1.8	1.6	1.5 1.5	1.6 1.6		1.9 1.9	4.1 4.2	24 23	3.8 3.6	1.4 1.4	0.91 0.89	1.1
31	1.7		1.5	1.6		1.9	4.2	23		1.2	0.89	
TOTAL	55.4	51.3	46.9	48.8	45.4	56.3	87.8	321.3	276.1	58.1	24.67	27.21
MEAN	1.79	1.71	1.51	1.57	1.62	1.82	2.93	10.4	9.20	1.87	0.80	0.91
MAX	2.2	1.9	1.7	1.6	1.8	2.0	4.2	24	21	3.5	1.5	1.1
MIN AC-FT	1.3 110	1.5 102	1.4 93	1.5 97	1.5 90	1.6 112	1.7 174	4.0 637	3.6 548	1.2 115	0.37 49	0.80 54
							BY WATER Y			113		31
MEAN	2.43	2.60	2.41	2.35	2.69	4.95	9.38	24.8	18.7	6.09	2.82	2.19
MAX	5.37	5.58	5.80	6.25	7.15	17.3	26.5	92.0	80.1	31.8	11.1	6.24
(WY)	1984	1984	1984	1984	2001	2001	2001	1983	1998	1998	1983	1983
MIN (WY)	1.25	1.37	1.06	0.92 1991	1.08	1.74	2.93	4.03	4.17 1990	1.37 1966	0.80	0.51 1987
SUMMARY	STATISTI	CS	FOR	2002 CALEN	DAR YEAR	F	OR 2003 WAT		R	WATER YEAR:	3 1965 -	2003
	TOTAL			956.44			1099.28					
ANNUAL				2.62			3.01			6.79		
	' ANNUAL M									20.1		1983
	ANNUAL ME.			2 -	Most 01		2.4	Ma C	2	2.40	Ma 00	1990
	DAILY MEA			8.1	May 21		24	may 29	9 -	338	may 29	1 1983
	DAILY MEAN			0.72	May 21 Aug 30 Aug 28		0.37	Aug 25	9 5 9	338 0.35 0.39 510	Aug 27	7002 TAAT
	SEVEN-DAY I PEAK FLO			0./3	Aug 28		0.39	Marr 2	o	U.39	Marr 20	1003
	I PEAK FLO						2 2 2 0	May 2	9	4.39	May 29	1983
	RUNOFF (A			1900			2180	May 29	-	4920	may 29	. 1000
	ENT EXCEE			5.2			6.3			15		
	ENT EXCEE			2.1			1.7			2.8		
	ENT EXCEE			1 1			0.89			1 4		

e Estimated

90 PERCENT EXCEEDS

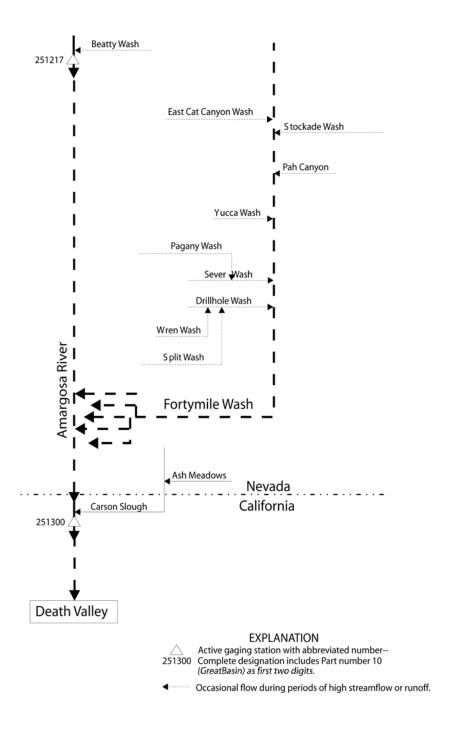


Figure 21. Schematic diagram of flow system and gaging stations in Amargosa River basin

OASIS VALLEY

10251217 AMARGOSA RIVER AT BEATTY, NV

 $LOCATION.-Lat\ 36^{\circ}54'38", long\ 116^{\circ}45'23", in\ SW\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.7, T.12\ S., R.47\ E., Nye\ County,\ Hydrologic\ Unit\ 18090202,\ on\ upstream\ side\ of\ culvert\ at\ U.S.\ Highway\ 95,\ approximately\ 0.5\ mi\ north\ of\ intersection\ of\ State\ Highway\ 374\ and\ U.S.\ Highway\ 95,\ in\ Beatty.$

DRAINAGE AREA.--458 mi² approximately.

PERIOD OF RECORD.--August 1993 to April 1995, January 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage 3,270 ft above NGVD of 1929, from topographic map.

REMARKS .-- No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,000 ft 3 / s, March 11, 1995, gage height, 6.93 ft; minimum daily, 0.13 ft 3 / s, August 13, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 43 ft³/s, March 16, gage height, 5.16 ft; minimum daily, 0.32 ft³/s, October 6.

		DISC	CHARGE, CUI	BIC FEET PE		WATER Y	EAR OCTOBER ALUES	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.34	0.36	0.46	0.67	0.72	0.92	0.90	0.73	0.55	0.39	0.68	0.41
2	0.35	0.36	0.46	0.67	0.89	0.83	0.90	0.73	0.54	0.38	0.65	0.41
3	0.35	0.36	0.46	0.67	0.98	0.83	0.93	0.73	0.52	0.38	0.60	0.42
4	0.35	0.37	0.46	0.67	1.0	0.83	0.96	0.73	0.50	0.37	0.58	0.42
5	0.35	0.36	0.43	0.68	1.1	0.83	0.95	0.77	0.49	0.35	0.58	0.42
6	0.32	0.36	0.44	0.72	1.0	0.83	0.95	0.78	0.50	0.36	0.58	0.42
7	0.34	0.37	0.46	0.72	1.0	0.83	0.93	0.81	0.48	0.38	0.55	0.42
8	0.34	0.40	0.44	0.72	1.0	0.83	0.89	0.83	0.44	0.38	0.54	0.43
9	0.34	0.42	0.46	0.74	0.99	0.83	0.85	0.79	0.45	0.37	0.52	0.44
10	0.35	0.40	0.46	0.74	1.0	0.79	0.83	0.82	0.46	0.36	0.53	0.44
11	0.35	0.41	0.46	0.70	1.0	0.78	0.83	0.84	0.45	0.36	0.53	0.43
12	0.36	0.41	0.48	0.67	1.1	0.78	0.81	0.79	0.44	0.36	0.53	0.44
13	0.36	0.41	0.50	0.67	1.6	0.79	0.76	0.77	0.43	0.35	0.51	0.44
14	0.36	0.41	0.51	0.67	1.1	0.77	0.82	0.80	0.42	0.35	0.51	0.43
15	0.36	0.41	0.54	0.67	1.1	0.77	0.98	0.79	0.43	0.34	0.53	0.44
16	0.37	0.42	0.54	0.67	1.0	16	1.3	0.75	0.44	0.35	0.51	0.45
17	0.36	0.42	0.54	0.68	1.0	4.9	0.80	0.77	0.43	0.35	0.49	0.49
18	0.36	0.42	0.55	0.67	1.1	1.6	0.77	0.73	0.42	0.36	0.46	0.49
19	0.36	0.42	0.58	0.68	1.0	0.96	0.77	0.73	0.42	0.36	0.45	0.48
20	0.37	0.42	0.58	0.69	1.1	0.88	0.77	0.71	0.43	0.36	0.46	0.47
21	0.37	0.42	0.58	0.69	1.0	0.89	0.77	0.68	0.43	0.36	0.48	0.46
22	0.37	0.42	0.60	0.69	1.0	0.90	0.77	0.68	0.42	0.35	0.47	0.46
23	0.37	0.42	0.63	0.72	1.0	0.91	0.77	0.69	0.43	0.36	0.46	0.46
24	0.37	0.42	0.64	0.72	1.0	0.91	0.77	0.66	0.44	0.35	0.46	0.46
25	0.38	0.43	0.64	0.72	1.0	0.90	0.75	0.64	0.43	0.35	0.46	0.45
26	0.39	0.45	0.67	0.72	1.0	0.90	0.71	0.63	0.42	0.36	0.51	0.44
27	0.38	0.46	0.67	0.72	1.0	0.92	0.80	0.61	0.40	0.35	0.48	0.43
28	0.36	0.46	0.68	0.72	0.96	0.89	0.81	0.59	0.39	0.35	0.46	0.45
29	0.36	0.46	0.67	0.72		0.92	0.75	0.58	0.38	0.35	0.45	0.46
30 31	0.37	0.48	0.67 0.67	0.72 0.72		0.92	0.74	0.55 0.57	0.38	1.3 0.98	0.42	0.47
31	0.37		0.67	0.72		0.89		0.57		0.98	0.42	
TOTAL	11.13	12.33	16.93	21.63	28.74	46.53	25.34	22.28	13.36	12.72	15.86	13.33
MEAN	0.36	0.41	0.55	0.70	1.03	1.50	0.84	0.72	0.45	0.41	0.51	0.44
MAX	0.39	0.48	0.68	0.74	1.6	16	1.3	0.84	0.55	1.3	0.68	0.49
MIN	0.32	0.36	0.43	0.67	0.72	0.77	0.71	0.55	0.38	0.34	0.42	0.41
AC-FT	22	24	34	43	57	92	50	44	26	25	31	26
STATIST	rics of Mo	ONTHLY ME.	AN DATA F	OR WATER Y	ZEARS 1993	3 - 2003	, BY WATER	YEAR (WY)			
MEAN	0.48	0.58	0.75	1.03	1.31	2.03	0.88	0.68	0.45	0.51	0.35	0.40
MAX	0.83	0.72	1.05	2.34	4.10	9.78	1.08	0.93	0.74	1.34	0.58	0.62
(WY)	1999	1999	1995	1995	1998	1995	1998	1998	1998	1999	1999	1999
MIN	0.32	0.41	0.55	0.67	0.47	0.73	0.70	0.46	0.27	0.20	0.17	0.23
(WY)	1997	2003	2003	1997	1995	1999	1997	1996	1996	1996	1996	1996
SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	RS 1993 -	2003
ANNUAL	TOTAL			216.17	7		240.1	. 8				
ANNUAL	MEAN			0.59	9		0.6	6		0.7	3	
HIGHEST	r annual i	MEAN								0.9		1998
	ANNUAL MI										9	
	r DAILY M				Mar 6			Mar 16			Mar 11	
	DAILY MEA) Aug 14			2 Oct 6			3 Aug 13	
	SEVEN-DAY			0.30) Aug 14			14 Oct 3			4 Aug 23	
	M PEAK FLO							Mar 16		1000		
	M PEAK STA			400				.6 Mar 16			3 Mar 11	1995
	RUNOFF (A			429 0.98			476 0.9) E		526 1.0		
	CENT EXCEI			0.46			0.9			0.6		
	CENT EXCE			0.46			0.3			0.3		
20 L LIKO				0.5.	-		0.3	-		0.5	-	

UPPER AMARGOSA

10251300 AMARGOSA RIVER AT TECOPA, CA

 $LOCATION.-Lat~35^{\circ}50'53", long~116^{\circ}13'43", in~NW~^{1}/_{4}~NW~^{1}/_{4}~SE~^{1}/_{4}~sec.9, T.20~N., R.07~E., Inyo~County, Hydrologic~Unit~18090202, on right bank, 20~ft upstream from Old Spanish Trail~Road, and 0.2~mi west of Tecopa.$

DRAINAGE AREA.--3,090 mi², approximately, much of which is noncontributing.

Date

Time

PERIOD OF RECORD .-- October 1961 to August 1983, October 1991 to September 1995, 1998 miscellaneous discharge, January 1999 to current year.

GAGE.--Water-stage recorder and culvert control. Elevation of gage is 1,310 ft above NGVD of 1929, from topographic map. Prior to October 16, 1991, at datum 16.52 ft higher.

REMARKS.--Records fair. City of Tecopa pumps water for municipal use upstream. See schematic diagram of Amargosa River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 10,600 ft³/ s, August 19, 1983, determined from culvert computations and flow over road, gage height, 16.00 ft, datum then in use; no flow some days some years

Date

Time

Discharge Gage height

 (ft^3/s)

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15 ft³/ s and maximum (*): Discharge Gage height

 (ft^3/s)

			Feb 14		169 5.50		Apr 16	0130		5.64			
		DIO	Mar 17		214 *5.73		Aug 20	0545		unknown			
		DIS	CHARGE,	CORIC FEET	PER SECONI DAI	LY MEAN		TOBER	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DE	D JAN	FEB	MAF	₹.	APR	MAY	JUN	JUL	AUG	SEP
1	0.46	0.22	0.7	7 1.5	3.2	5.0	0	.53	0.21	0.07	0.10	0.15	4.3
2	0.43	0.18	0.73		3.0	5.9		.38	0.23	0.07	0.10	0.14	2.4
3	0.44	0.19	0.73		1.0	3.4		. 37	0.35	0.07	0.10	0.14	2.6
4	0.41	0.19	0.73		1.0	2.7		.38	0.29	0.07	0.10	0.13	1.5
5	0.38	0.18	0.7	7 1.6	1.9	2.0	0	.39	0.22	0.08	0.10	0.13	0.72
6	0.37	0.19	0.8	7 2.4	0.76	1.4	0	.40	0.19	0.08	0.10	0.13	0.60
7	0.35	0.19	0.9		1.1	1.3		. 44	0.17	0.09	0.10	0.13	0.29
8	0.32	0.20	0.82	1.2	1.1	0.95	5 0	.40	0.14	0.09	0.10	0.13	0.30
9	0.31	0.22	0.80		0.99	0.70		.43	0.11	0.09	0.10	0.13	0.43
10	0.28	0.22	0.88	3 2.3	1.2	0.56	5 0	.43	0.11	0.09	0.10	0.13	0.44
11	0.26	0.22	0.90		2.2	0.53		.39	0.11	0.09	0.09	0.13	0.49
12	0.25	0.21	0.88		18	0.53		.36	0.11	0.09	0.09	0.13	0.45
13	0.23	0.22	0.93	L 2.3	110	0.46	5 0	.35	0.10	0.09	0.09	0.14	0.58
14	0.22	0.23	0.99		129	0.38	3 4	. 2	0.09	0.09	0.09	0.15	0.51
15	0.22	0.20	0.79	2.3	82	2.6	108		0.09	0.09	0.09	0.16	0.60
16	0.19	0.21	0.84	1.9	46	4.0	137		0.09	0.10	0.10	0.16	0.45
17	0.19	0.22	1.0	1.8	28	91	98		0.08	0.10	0.10	0.16	0.48
18	0.19	0.22	e0.90	2.0	14	47	62		0.08	0.10	0.10	0.15	0.48
19	0.18	0.22	e0.80	2.0	5.9	20	42		0.07	0.10	0.11	0.16	0.66
20	0.17	0.27	0.79	2.1	7.5	8.8	17		0.06	0.10	0.11	e490	0.62
21	0.19	0.23	1.8	2.2	7.6	5.5	6	. 7	0.06	0.10	0.11	4.8	0.81
22	0.17	0.24	2.0	2.1	2.1	e4.0	1	. 6	0.06	0.10	0.11	2.0	0.62
23	0.17	0.24	2.0	2.2	1.6	e3.0	1	. 0	0.06	0.10	0.11	5.0	0.46
24	0.17	0.24	1.3	2.3	1.3	e2.0	0	.65	0.05	0.10	0.11	5.3	0.75
25	0.17	0.27	1.3	2.5	5.0	e1.0	0	. 37	0.05	0.10	0.12	7.6	0.36
26	0.19	0.28	1.4	1.8	12	0.93	3 0	.34	0.05	0.10	0.12	9.7	0.37
27	0.22	0.25	1.7	2.1	5.8	0.86	5 0	.31	0.06	0.10	0.12	7.4	0.36
28	0.24	0.29	1.8	2.7	4.5	0.65		.25	0.05	0.10	0.12	7.3	0.32
29	0.22	0.34	2.1	3.3		0.47		.22	0.05	0.10	0.12	5.5	0.33
30	0.23	0.49	1.8	3.4		0.50		.19	0.06	0.10	0.12	4.6	0.31
31	0.22		1.6	3.4		0.56	5		0.07		0.13	5.3	
TOTAL	8.04	7.07	35.65	65.20	497.75	218.68	3 485	.08	3.52	2.75	3.26	557.18	23.59
MEAN	0.26	0.24	1.15	2.10	17.8	7.05	5 1	5.2	0.11	0.092	0.11	18.0	0.79
MAX	0.46	0.49	2.1			91		137	0.35	0.10	0.13	490	4.3
MIN	0.17	0.18	0.73			0.38		.19	0.05	0.07	0.09	0.13	0.29
AC-FT	16	14	7 :	129	987	434	1	962	7.0	5.5	6.5	1110	47
STATIST	CS OF M	ONTHLY M	EAN DATA	A FOR WATE	R YEARS 19	62 - 200	03, BY	WATER	YEAR (V	IY)			
MEAN	1.45	0.87	4.00			6.39		.86	0.45	0.14	0.56	6.27	4.05
MAX	39.1	11.4	65.3	56.2	95.6	54.2	2 1	5.2	3.19	2.55	3.52	103	93.1
(WY)	1977	1966	1966			1983		003	1977	1969	1965	1983	1976
MIN	0.000	0.005	0.39			0.36		074	0.018	0.000	0.000	0.000	0.000
(WY) SIIMMARY	1972 STATIST	1993 TCS	1994 F		1979 LENDAR YEA	1994 .R		994 กกร พ	1993 MATER YEA	1966 AR	1963 WATER VI	1962 EARS 1962 -	1964
			-										
ANNUAL					.85		1	907.7			2	71	
ANNUAL	' ANNUAL	MEAN		C	.00			5.2	. 3			. 71 . 9	1983
	ANNUAL M												1994
	DAILY M			9	.1 Mar	1		490	Aug 2	2.0		.22 Feb 26	
	DAILY ME				.06 Jun				5 May 2			.00 Jul 23	
		Y MINIMU	M		.06 Jun 1				5 May 2			.00 Aug 1	
	PEAK FL								Aug 2		10600		
	PEAK ST								unknov			.00 Aug 19	
ANNUAL	RUNOFF (AC-FT)		476			3	780			2680		
10 PERC	ENT EXCE	EDS		1	. 8			4.9			2	. 4	
50 PERC	ENT EXCE	EDS		C	.33			0.3	7			. 24	
90 PERC	ENT EXCE	EDS		C	.09			0.0	19		0	.00	

Estimated

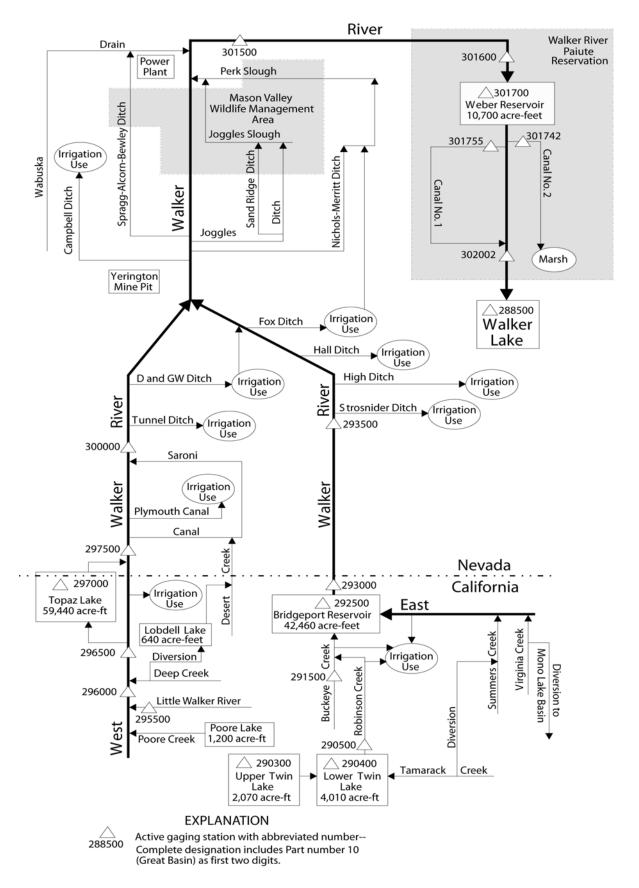


Figure 22. Schematic diagram of flow system and gaging stations in the Walker Lake basin.

WALKER LAKE BASIN

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°40'36", long 118°46'16", in SE $^1/_4$ SE $^1/_4$ sec.27, T.10 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 14.5 mi northwest of Hawthorne.

DRAINAGE AREA.--4,050 mi², approximately.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

GAGE.--Nonrecording gage. Datum of gage is above NGVD of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot). Prior to December 6, 1978, at site 5.5 mi northwest of Hawthorne, at same datum.

REMARKS.--Elevations determined from reference points referred to U.S.C.G.S. bench mark. Elevations are given to the nearest 0.1 ft and contents to four significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft, March 13, 1928, elevation, 4,051.8 ft, U.S. Bureau of Indian Affairs; minimum observed, 1,911,000 acre-ft, September 29, 2003, elevation, 3,939.2 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 4,078.0 ft, adjustment of 1912, was observed September 27, 1908, by U.S. Geological Survey (contents, 8,622,000 acre-ft, table now in use). An elevation of about 4,083 ft for 1882 is estimated by Rush (U.S. Geological Survey Hydrologic Investigations Atlas HA-415, 1970), on the basis of bathymetric data.

EXTREMES FOR CURRENT YEAR--Maximum contents observed, 2,039,000 acre-ft, October 3, elevation 3,943.1 ft; minimum observed, 1,911,000 acre-ft, September 29, elevation 3,939.2 ft.

MONTHEND ELEVATION, IN FEET ABOVE NGVD 1929, AND TOTAL CONTENTS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September	30	3,943.1	,2,039,000	
October	31	3,942.7	2,026,000	-13,000
November	30	3,942.4	2,016,000	-10,000
December	31	3,942.1	2,006,000	-10,000
CALENDA	R YEAR 2002			-140,000
January	31	3,942.0	2,003,000	-3,000
February	28	3,941.9	2,000,000	-3,000
March	31	3,941.8	1,996,000	-4,000
April	30	3,941.5	1,986,000	-10,000
May	31	3,941.2	1,977,000	-9,000
June	30	3,940.8	1,963,000	-14,000
July	31	3,940.3	1,947,000	-16,000
August	31	3,939.7	1,927,000	-20,000
September	30	3,939.2	1,911,000	-16,000
WATER Y	EAR 2003			-128,000

 ${\tt NOTE.--Monthend}$ elevations are interpolated from readings made during the year.

WALKER LAKE BASIN

10290300 UPPER TWIN LAKE NEAR BRIDGEPORT, CA

LOCATION.--Lat $38^{\circ}09'15''$, long $119^{\circ}20'58''$, in NW $^{1}/_{4}$ NE $^{1}/_{4}$ sec.5, T.3 N., R.24 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, at outlet of upper lake dam on Robinson Creek, and 10 mi southwest of Bridgeport.

DRAINAGE AREA.--29.5 mi².

PERIOD OF RECORD.--December 1961 to February 1964, September 1964 to current year.

GAGE.--Non-recording gage. Datum of gage is 7,212.86 ft above NGVD of 1929 (project datum of U.S. Indian Irrigation Service).

REMARKS.--Contents regulated by dam at outlet. Figures given herein represent usable contents. Usable contents, 2,070 acre-ft between elevations 7,200 ft, natural rim, and 7,207 ft, spillway crest. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 2,990 acre-ft, July 7, 1983, elevation, 7,209.85 ft; minimum observed, 30 acre-ft, November 1, 1990, elevation, 7,200.11 ft.

EXTREMES OUTSIDE PERIOD OF RECORD .-- No usable contents observed October 17, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,820 acre-ft, May 30, elevation, 7,209.32 ft; minimum observed, 1,470 acre-ft, October 30, elevation, 7,205.10 ft.

MONTHEND ELEVATION, IN FEET ABOVE NGVD OF 1929, AND TOTAL CONTENTS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September	30	7,205.60	1,630	
October	31	7,205.16	1,490	-140
November	30	7,206.75	1,990	+500
December	31	7,207.18	2,130	+140
CALENDA	R YEAR 2002			+90
January	31	7,207.28	2,160	-30
February	28	7,206.46	1,900	-260
March	31	7,207.48	2,220	+320
April	30	7,207.49	2,230	+10
May	31	7,209.28	2,800	+570
June	30	7,208.29	2,480	-320
July	31	7,207.95	2,370	-110
August	31	7,205.30	1,530	-840
September	30	7,204.77	1,370	-160
WATER Y	EAR 2003			-260

NOTE.--Monthend elevations are interpolated from readings made during the year.

10290500 ROBINSON CREEK AT TWIN LAKES OUTLET, NEAR BRIDGEPORT, CA

 $LOCATION.-Lat~38^{\circ}10'20",~long~119^{\circ}19'25",~in~SE~^{1}/_{4}~SE~^{1}/_{4}~sec.28,~T.4~N.,~R.24~E.,~Mono~County,~Hydrologic~Unit~16050301,~on~left~bank,~0.2~mi~downstream~from~Lower~Twin~Lake,~and~8~mi~southwest~of~Bridgeport.$

DRAINAGE AREA.--39.1 mi².

PERIOD OF RECORD.--October 1953 to September 1975, May 1992 to September 1994 (irrigation season only), October 1994 to current year. GAGE.--Water-stage recorder. Elevation of gage is 7,050 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good, except for estimated daily discharges, which are fair. Flow regulated by Upper and Lower Twin Lakes. See schematic diagram of Walker Lake Basin.

REVISIONS.--WSP 1927: Drainage area.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,170 ft³/ s, January 3, 1997, gage height, 5.44 ft; no flow many days, some years. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 332 ft³/s, May 31 and June 1, gage height, 3.44 ft; minimum daily, 2.0 ft³/s, December 18.

		DIS	CHARGE,	CUBIC FEET		D, WATER ILY MEAN		ER 2002 T	O SEPTEI	MBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	7.4	3.6	15	16	15	23	22	329	119	80	65
2	11	7.3	3.6	14	15	15	22	22	320	117	78	59
3	11	7.3	3.5	14	15	15	22	22	311	113	74	49
4	11	7.3	3.6	13	15	14	22	23	304	111	70	42
5	11	7.1	3.6	13	15	14	22	22	296	110	69	41
6	10	7.1	3.7	13	15	14	22	22	286	108	70	41
7	10	5.6	3.6	13	15	14	22	23	276	107	75	40
8	10	5.6	3.7	13	15	14	22	24	269	103	74	33
9	10	5.1	3.7	13	15	13	22	23	266	101	72	28
10	10	4.7	3.1	14	15	13	23	23	261	98	73	25
11	10	4.5	2.8	14	15	13	26	24	254	97	71	24
12	10	4.5	2.7	14	15	13	26	44	243	96	70	24
13	10	4.4	e2.5	14	16	15	29	84	231	93	70	24
14	9.9	4.3	e2.2	14	16	14	33	86	219	91	71	23
15	9.8	4.3	e2.1	13	16	15	41	86	212	89	72	22
16	9.7	4.2	e5.6	13	17	16	45	85	212	86	71	19
17	9.7	3.9	e2.1	13	16	15	42	86	212	85	71	16
18	9.5	3.9	e2.1	13	16		40	86	210	85	70	15
						15						
19 20	9.5 9.2	3.6 3.6	e3.1 5.0	14 14	16 15	15 14	38 37	86 86	203 193	87 89	70 78	14 14
20	9.2	3.0	5.0	14	13	14	37	00	193	0.5	70	14
21	8.7	3.6	5.6	14	15	14	34	88	181	92	91	14
22	8.6	3.6	6.6	14	15	15	29	97	168	93	92	14
23	8.4	3.6	7.7	13	15	15	28	119	154	94	90	14
24	8.4	3.7	9.0	13	15	14	29	149	131	92	89	14
25	8.2	3.6	10	13	17	19	28	181	119	91	88	14
26	8.2	3.7	11	14	16	26	26	204	114	90	87	14
27	8.2	3.7	12	14	16	24	24	226	110	87	86	14
28	8.0	3.7	14	14	15	27	25	241	110	87	84	14
29	7.7	3.6	15	14		32	23	270	114	90	84	14
30	7.5	3.6	15	15		33	22	302	117	87	83	13
31	7.5		17	15		25		325		83	75	
TOTAL	291.6	141.9	188.7	424	433	530	847	3181	6420	2971	2398	757
MEAN	9.41	4.73	6.09	13.7	15.5	17.1	28.2	103	214	95.8	77.4	25.2
MAX	11	7.4	17	15	17	33	45	325	329	119	92	65
MIN	7.5	3.6	2.0	13	15	13	22	22	110	83	69	13
AC-FT	578	281	374	841	859	1050	1680	6310	12730	5890	4760	1500
STATIST	TICS OF M	ONTHLY ME	AN DATA	FOR WATER Y	EARS 1954	- 2003,	BY WATER	YEAR (WY)				
									40-	450		
MEAN	20.9	9.13	7.58	16.5	16.7	17.4	45.2	108	190	159	94.4	48.4
MAX	42.4	30.9	36.1	166	63.4	44.8	79.4	187	349	400	199	89.0
(WY)	1999	1999	1997	1997	1963	1997	1959	1997	1969	1995	1995	1974
MIN (WY)	7.00 1995	0.67 1958	0.000 1954	0.000 1954	0.000 1954	0.000 1955	22.3 1975	59.1 1955	68.2 1992	62.0 1992	35.1 1992	12.6 2002
(WI)	1000	1930	1934	1934	1934	1933	1373	1933	1332	1992	1332	2002
SUMMARY	STATIST	ICS	FOR	R 2002 CALEN	DAR YEAR	F	FOR 2003 WA	TER YEAR		WATER YEARS	1954	- 2003
ANNUAL				14985.2			18583.2					
ANNUAL				41.1			50.9			62.8		
	C ANNUAL									100		1995
	ANNUAL M									33.8		1961
	DAILY M				Jun 3			Jun 1		998		
	DAILY ME				Dec 18		2.0	Dec 18 Dec 9		0.00		
		Y MINIMUM		2.7	Dec 9					0.00		
	1 PEAK FL						332	-		1170		3 1997
	1 PEAK ST							May 31		5.44	Jan	3 1997
	RUNOFF (29720			36860			45480		
	CENT EXCE			121			117			161		
	CENT EXCE			15			16			28		
90 PERC	CENT EXCE	EDS		4.5			4.5			0.60		

e Estimated

10291500 BUCKEYE CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°14'20", long 119°19'30", in NE $^1/_4$ NE $^1/_4$ sec.04, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, on right bank at Buckeye Hot Springs, 0.6 mi downstream from Eagle Creek, and about 5.5 mi southwest of Bridgeport. DRAINAGE AREA.--44.1 mi².

PERIOD OF RECORD.--November 1910 to September 1914 (fragmentary), October 1953 to September 1979, October 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,900 ft above NGVD of 1929, from topographic map. November 1910 to September 1914, non-recording gage at site 0.5 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. No regulation or diversion above station. See schematic diagram of Walker Lake Basin.

REVISIONS.--WSP 1927: Drainage area.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,750 ft³/ s, January 2, 1997; gage height, 7.49 ft; minimum daily, 4.5 ft³/ s, January 12, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 21, 1911, reached an observed stage of 4.8 ft, discharge not determined, site and datum then in use.

datu	m then in us	e.				, . ,			,			,
EXTREM	IES FOR CU	JRRENT Y	EARP	eak discharg	ges greater tha	an base disc	charge of 100	ft ³ / s a	nd maxim	um (*):		
				Discharge	Gage height				scharge (Gage height		
		Date	Time	(ft^3/s)	(ft)		Date	Time (fr	³ / s)	(ft)		
		May 28	2330	*373	*3.28		No other p	eaks greater	than base dis	scharge.		
		DISC	HARGE, C	UBIC FEET	PER SECOND,	WATER YE Y MEAN VA		2002 TO	SEPTEMBE	R 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	12	13	e17	23	16	44	31	247	102	41	20
2	16	14	13	e18	21	17	37	32	248	96	41	19
3	15	13	13	18	e20	16	33	31	253	96	38	23
4 5	15 15	13 12	14 13	15 14	e20 e20	16 16	31 31	32 32	251 236	93 88	35 33	32 23
6 7	14 14	13 14	13 12	e14 e14	e20 e19	16 16	29 30	33 34	235 235	87 82	32 30	21 20
8	14	60	e12	e14 e13	e19	17	34	35	235	78	29	19
9	13	45	e12	13	e19	17	41	33	237	75	27	19
10	13	22	12	13	e18	18	45	34	225	75	26	19
11	13	18	12	12	e18	20	47	35	213	73	25	19
12	13	18	13	12	e17	22	49	41	199	70	25	18
13 14	13 13	17 17	11 14	12 13	e17 17	26 27	4 4 4 0	56 89	187 190	66 63	24 23	18 18
15	13	16	10	e13	17	29	37	89	193	60	23	17
16	13	15	e10	e14	17	23	35	105	195	59	22	17
17	13	14	e11	e15	18	22	34	111	189	60	22	17
18	13	14	e11	16	25	20	33	118	185	63	21	17
19	13	14	e11	16	17	19	33	124	173	68	21	17
20	13	15	e12	16	16	21	34	142	158	64	21	16
21	13	15	e12	16	16	21	33	172	145	60	25	16
22 23	13 13	15 15	e12 e13	16 17	16 16	24 28	31 31	213 231	133 123	58 55	23 21	16 15
24	13	15	e13	17	17	29	34	245	112	54	20	15
25	13	14	e13	17	17	29	33	250	106	55	19	15
26	13	13	e14	18	16	36	31	241	107	48	21	15
27	e14	15	e14	19	16	34	33	249	110	47	21	15
28	14	15	e15	19	16	3 0	34	291	115	48	19	15
29	13	16	e15	19		30	32	285	117	46	18	14
30 31	13 13	15	e16 e16	20 21		33 40	31	298 264	111	43 41	18 19	14
TOTAL	419	524	395	487	508	728	1064	3976	5459	2073	783	539
MEAN MAX	13.5 16	17.5 60	12.7 16	15.7 21	18.1 25	23.5 40	35.5 49	128 298	182 253	66.9 102	25.3 41	18.0 32
MIN	13	12	10	12	16	16	29	31	106	41	18	14
AC-FT	831	1040	783	966	1010	1440	2110	7890	10830	4110	1550	1070
STATIST	TICS OF MO	NTHLY MEAI	N DATA	FOR WATER	YEARS 1911	- 2003,	BY WATER Y	EAR (WY)				
MEAN	22.5	21.8	21.6	23.8	21.3	25.7	51.4	140	202	124	50.2	28.7
MAX	41.4	44.4	52.2	158	55.8	70.6	115	322	432	399	115	65.6
(WY) MIN	1957 7.43	1974 11.6	1965 10.2	1997 10.2	1997 10.2	1997 11.7	1997 22.3	1969 32.2	1911 43.4	1911 18.8	1967 9.76	1911 7.55
(WY)	1978	1962	1978	1960	1977	1977	1967	1977	1976	1977	1977	1977
SUMMARY	STATISTI	CS	FOR	2002 CAL	ENDAR YEAR	F	OR 2003 WAT	ER YEAR		WATER YEARS	1911 -	2003
ANNUAL TOTAL			15260			16955						
ANNUAL MEAN			41.	8		46.5			59.9			
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN									114 19.5		1969 1977	
HIGHEST DAILY MEAN			218	Jun 1		298	May 30		1050			
LOWEST DAILY MEAN			10			10	Dec 15		4.5	Jan 12	1963	
LOWEST DAILY MEAN ANNUAL SEVEN-DAY MINIMUM			11						5.5	Jan 11	1963	
MAXIMUM PEAK FLOW							11 373			2750		
	1 PEAK STA							May 28		7.49	Jan 2	1997
	RUNOFF (A	. ,		30270 113			33630 120			43390 164		
	CENT EXCEE			17			20			27		
	CENT EXCEE			13			13			13		

e Estimated

10292500 BRIDGEPORT RESERVOIR NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°19'30", long 119°12'40", in SE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.34, T.6 N., R.25 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, at Bridgeport Dam on East Walker River, and 4.5 mi north of Bridgeport.

DRAINAGE AREA.--358 mi².

PERIOD OF RECORD.--March 1926 to current year. Month end contents only for some periods, published in WSP 1314.

REVISED RECORDS.--WSP 1180: 1949. WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,466.44 ft above NGVD of 1929 (project datum).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam. Storage began December 8, 1923. Dam completed in November 1924.

Capacity, 42,460 acre-ft between elevations 6,415 ft, approximate elevation of bottom of reservoir, and 6,461 ft. Crest of spillway is at elevation 6,460.75 ft; however, there are four siphons that become operative prior to reaching this spillway. Elevation of sill of outlet gate, 6,412 ft. No dead storage. Figures given herein represent total contents. Water is used for irrigation by Walker River Irrigation District. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 44,880 acre-ft, June 16, 1974, elevation 6,460.78 ft; no usable contents at times in water years 1929, 1930, 1960, 1977, 1988, and 1989.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 29,640 acre-ft, June 24, elevation, 6,455.20 ft; minimum 5,260 acre-feet, November 1, elevation, 6,438.76 ft.

Capacity	table, (e	levation, in	feet, and	contents, in	acre-feet)
6,425	334	6,440	6,240	6,455	29,160
6,430	1,130	6,445	11,380	6,460	42,460
6.435	2 920	6 450	18.780	6.461	45 490

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6150	5290	8020	10180	13720	17250	19260	18640	21270	28750	24060	16070
2	6150	5310	8080	10320	13940	17370	19180	18610	21930	28580	23910	15840
3	6160	5320	8130	10420	14030	17490	19200	18590	22580	28380	23700	15710
4	6180	5330	8170	10530	14150	17590	19150	18500	23220	28220	23470	15550
5	6150	5330	8220	10650	14270	17710	19090	18470	23830	28060	23220	15310
6	6150	5350	8260	10740	14350	17830	19070	18440	24350	27900	22950	15060
7	6130	5430	8310	10830	14450	17950	19040	18440	24950	27690	22700	14770
8	6080	6150	8350	10930	14510	18090	19040	18330	25430	27570	22400	14490
9	5980	6640	8400	11040	14580	18250	19060	18230	26000	27440	22070	14180
10	5900	6760	8450	11180	14690	18400	19070	18180	26530	27300	21720	13910
11	5830	6860	8510	11270	14800	18540	19130	18130	26980	27180	21330	13690
12	5800	6970	8570	11380	14920	18660	19180	18070	27390	27000	20870	13490
13	5780	7060	8620	11500	15090	18840	19150	18040	27710	26790	20490	13270
14	5780	7140	8740	11600	15200	18780	19180	18020	27990	26570	20120	13070
15	5770	7230	8860	11690	15350	18930	19200	17970	28260	26380	19810	12870
16	5730	7280	8870	11760	15490	18890	19150	17900	28540	26200	19480	12630
17	5720	7340	8910	11840	15630	18780	19130	17830	28820	26070	19220	12390
18	5700	7390	8940	11930	15760	18840	19070	17780	29020	25940	18950	12170
19	5670	7450	9020	11990	15850	18730	19040	17770	29230	25760	18680	11960
20	5620	7500	9040	12120	15980	18800	19060	17680	29430	25560	18470	11740
21	5560	7560	9110	12190	16110	18760	19040	17680	29550	25320	18330	11540
22	5520	7620	9190	12320	16230	18850	19020	17750	29570	25060	18110	11370
23	5490	7700	9270	12420	16360	18850	19020	17850	29620	24810	17920	11210
24	5460	7720	9320	12540	16540	18890	19000	17990	29620	24680	17710	11060
25	5420	7780	9400	12660	16690	18960	19060	18160	29550	24560	17540	10900
26	5400	7830	9470	12780	16790	19020	18870	18280	29430	24470	17280	10740
27	5370	7860	9580	12930	16960	19090	18820	18490	29330	24350	17080	10590
28	5330	7900	9720	13090	17090	19150	18840	18840	29230	24290	16890	10440
29	5300	7930	9860	13240		19180	18760	19300	29090	24330	16690	10260
30	5300	7980	9960	13380		19220	18710	19900	28950	24310	16540	10110
31	5290		10100	13540		19410		20550		24180	16310	
MAX	6180	7980	10100	13540	17090	19410	19260	20550	29620	28750	24060	16070
MIN	5290	5290	8020	10180	13720	17250	18710	17680	21270	24180	16310	10110
#	6438.80	6441.90	6443.91	6446.67	6449.02	6450.34	6449.96	6450.96	6454.91	6452.77	6448.53	6443.92
##	-890	+2690	+2120	+3440	+3550	+2320	-700	+1840	+8400	-4770	-7870	-6200

CAL YR 2002 MAX 17130 MIN 6180 ## -310 WTR YR 2003 MAX 29620 MIN 5290 ## +3930

 $[\]mbox{\tt\#}$ Elevation, in feet above NGVD 1929, at end of month.

^{##} Change in contents, in acre-feet.

10293000 EAST WALKER RIVER NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°19'40", long 119°12'50", in SW ¹/₄ NE ¹/₄ sec.34, T.6 N., R.25 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, on right bank, 1,500 ft downstream from Bridgeport Reservoir, 5 mi north of Bridgeport, and 10 mi upstream from Sweetwater Creek

DRAINAGE AREA.--359 mi².

PERIOD OF RECORD.--July 1911 to September 1914 (gage height only), October and November 1921, May 1922 to September 1924, March to July 1925, October 1925 to current year.

REVISED RECORDS .-- WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above NGVD of 1929, from topographic map. Prior to October 1, 1921, nonrecording gage at site 0.5 mi upstream at different datum. October 1, 1921, to February 21, 1924, water-stage recorder at site 1 mi downstream at different datum. February 22, 1924, to September 30, 1931, water-stage recorder, and October 1, 1931 to May 25, 1939, nonrecording gage at present site at datum 2.34 ft lower. May 26, 1939, to November 27, 1988, water-stage recorder at datum 2.00 ft higher.

REMARKS.--No estimated daily discharges. Records good. Diversions for irrigation of meadow pasturelands near Bridgeport. Flow regulated by Bridgeport Reservoir (station 10292500). See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,910 ft³/ s, January 4, 1997, gage height, 6.74 ft; minimum daily, 0.20 ft³/ s, November 2, 1955.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 254 ft³/s, August 11, 12, gage height, 3.78 ft; minimum daily, 23 ft³/s, December 20, 28 and January 9.

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH NEAR MASON, NV

 $LOCATION.-Lat\ 38^{\circ}48'45", long\ 119^{\circ}02'50", in\ NW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec. 14, T.11\ N., R.26\ E., Lyon\ County,\ Hydrologic\ Unit\ 16050303, on\ right\ bank,\ 0.9\ mi\ upstream\ from\ head\ of\ Strosnider\ ditch,\ 12\ mi\ southeast\ of\ Mason,\ and\ 13.5\ mi\ southeast\ of\ Yerington.$

DRAINAGE AREA.--1,100 mi², approximately.

PERIOD OF RECORD.--January 1947 to current year (irrigation season only, 1979 to 1994).

GAGE.--Water-stage recorder. Datum of gage is 4,574.10 ft above NGVD of 1929. Prior to October 24, 1957, near present site at datum 0.56 ft higher. October 24, 1957, to April 3, 1974, at site 400 ft downstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500). See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,610 ${\rm ft}^3/{\rm s}$, January 4, 1997, gage height, 9.61 ft; minimum daily, 2.3 ${\rm ft}^3/{\rm s}$, March 12, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 348 ft³/s, August 22, gage height, 4.86 ft; minimum daily, 29 ft³/s, October 17, December 19, 25, 26, February 2.

		DISCH	IARGE, CUB	IC FEET PI		WATER YI Y MEAN V	EAR OCTOBER ALUES	2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	41	31	42	32	3 6	63	49	162	162	137	e99
2	52	38	31	31	29	36	77	58	164	162	146	e106
3	43	40	31	43	34	34	75	62	162	150	149	e112
4	3 7	39	32	42	35	35	74	56	152	146	150	115
5	32	40	32	40	39	38	74	54	154	145	146	151
6	32	40	32	36	39	43	67	54	153	144	139	140
7	34	41	32	33	40	5 0	65	51	159	143	125	133
8	3 7	46	32	34	41	63	63	51	159	137	127	138
9	38	57	31	39	38	70	54	56	165	107	136	134
10	57	53	37	38	41	77	49	60	162	105	151	140
11	5 9	42	36	34	42	8 0	45	58	160	96	153	142
12	52	38	36	37	41	104	41	51	165	83	159	125
13	42	37	3 6	36	39	131	3 7	47	166	91	176	122
14	34	36	3 7	34	36	143	40	43	174	104	173	125
15	31	35	e41	33	35	159	42	42	170	106	160	124
16	3 0	36	e44	32	34	166	59	50	177	100	159	118
17	29	35	e47	33	34	143	77	8 0	174	108	148	112
18	31	36	42	41	33	129	75	81	179	98	129	120
19	32	38	29	40	3 4	95	61	81	180	93	125	127
20	32	36	31	4 0	36	89	56	82	181	112	127	120
21	3 7	36	3 9	43	36	88	53	98	173	124	134	119
22	43	36	35	38	35	87	49	104	176	122	237	114
23	44	36	3 8	34	35	87	48	98	187	128	146	113
24	41	35	e35	33	35	73	46	122	194	143	118	101
25	4 0	35	e29	34	35	64	40	128	191	190	116	100
26	4 0	35	e29	34	36	61	38	151	183	134	115	104
27	41	35	e46	34	35	54	36	171	167	117	120	101
28	4.3	35	52	32	35	51	37	167	164	119	107	99
29	45	35	44	34		50	36	159	162	118	100	99
30 31	47 49	34	3 6 3 6	34 33		5 0 5 8	42	158 160	159	108 113	94 e93	101
TOTAL	1260	1156	1119	1121	1014	2444	1619	2682	5074	3808	4295	3554
MEAN	40.6	38.5	36.1	36.2	36.2	78.8	54.0	86.5	169	123	139	118
MAX MIN	59 29	57 34	52 29	43 31	42 29	166	77 36	171 42	194 152	190	237 93	151 99
AC-FT	2500	2290	2220	2220	2010	34 4850	3210	5320	10060	83 7550	8520	7050
STATIST	ICS OF MO	NTHLY MEA	N DATA FO	R WATER	YEARS 1948	3 - 2003	, BY WATER	YEAR (WY)			
MEAN	71.9	44.9	53.8	71.1	78.5	92.8	178	257	316	281	220	155
MAX	173	173	178	813	383	363	755	905	1420	885	708	446
(WY)	1957	1999	1951	1997	1997	1969	1969	1969	1986	1995	1983	1983
MIN	22.0	18.3	15.4	13.9	15.9	8.78	15.5	30.5	58.1	32.7	23.1	13.3
(WY)	1978	1978	1962	1962	1950	1948	1961	1991	1990	1992	1992	1977
SUMMARY	STATISTI	CS	FOR 2	002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR	2	WATER YEARS	3 1948 -	- 2003
ANNUAL '				20242			29146					
ANNUAL I				55.5			79.9			151		
	ANNUAL M									401		1969
	ANNUAL ME			1.00	T 2		227	7~ CC		38.7	Tues	1961
	DAILY ME DAILY MEA			189 24	Jun 3 Sep 25		237 29	Aug 22 Oct 17		2580 2.3	Jun 4	
		MINIMUM		24	Feb 26		31	Oct 14		3.6	Mar 20	
	PEAK FLC			41	100 20		348	Aug 22		2610	Jan 4	
	PEAK STA							6 Aug 22		9.61		
	RUNOFF (A			40150			57810	- 3		109600		
	ENT EXCEE			115			159			340		
50 PERC	ENT EXCEE	DS		42			54			98		
90 PERC	ENT EXCEE	DS		29			34			25		

e Estimated

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA

 $\begin{array}{l} \textbf{LOCATION.--Lat 38°21'39", long 119°26'38", in NW 1/$_{4}$ sec. 22, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on right bank, 0.8 mi North of Sonora Junction, 1.5 mi upstream from mouth, and 14 mi northwest of Bridgeport.} \end{array}$

DRAINAGE AREA.--63.1 mi²

PERIOD OF RECORD.--April to August 1910, October 1944 to September 1986, October 1995 to current year. Prior to October 1958, published as East Fork Walker River near Bridgeport.

REVISED RECORDS.--WDR 82-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,790 ft above NGVD of 1929, from topographic map. April to August 1910, nonrecording gage at site 1 mi upstream at different datum. Prior to January 2, 1997 at same site, at datum 1.0 ft higher.

REMARKS.--Records good, except for daily discharges greater than 150 cfs, which are fair, and estimated daily discharges, which are poor. Small diversions above station. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,540 ft³/ s, January 2, 1997, gage height, 5.70 ft; minimum daily, 2.6 ft³/ s, August 16, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft³/ s and maximum (*):

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

DAY OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

) - 18.9(4) - 18.9(0) - 18.9(1) 18.18.9(3) - 18.9(0) -

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA

 $LOCATION.--Lat\ 38^{\circ}22'47'', long\ 119^{\circ}26'57'', in\ NE\ ^{1}{}_{4}\ SE\ ^{1}{}_{4}\ sec.9, T.6\ N., R.23\ E., Mono\ County, Hydrologic\ Unit\ 16050302, in\ Toiyabe\ National\ Forest, on\ left\ bank,\ 10\ ft\ upstream\ from\ bridge\ on\ U.S.\ Highway\ 395,\ and\ 13\ mi\ southeast\ of\ Coleville.$

DRAINAGE AREA.--181 mi².

PERIOD OF RECORD.--April 1938 to current year. Prior to October 1958, published as "below East Fork."

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,591.39 ft above NGVD of 1929. Prior to October 1, 1939, at site, 125 ft downstream at datum 1.00 ft higher. October 1, 1939, to September 30, 1969, at present site and datum. October 1, 1969, to July 10, 1987, at site 100 ft downstream at same datum. July 10, 1987 to March 5, 1997, at site upstream 100 ft at same datum. March 6, 1997 at site 150 ft downstream at datum 2.00 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poore Lake, capacity, 1,200 acre-ft, 7 mi upstream. See schematic diagram of Walker Lake Basin.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed prior to 1938, 5,800 ft³/s, December 11, 1937, on basis of slope-area measurement of peak flow.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,300 ft³/ s, January 2, 1997, gage height, 10.11 ft; minimum daily, 9.7 ft³/ s, September 11, 1997.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharges of 1,120 ft³/ s and maximum (*):

EXIKEM	ES FOR C	JUKKENI YE	AKPea				cnarges of 1					
		Date May 30	Time 0145	Discharge (ft ³ / s) *3010	Gage height (ft) *5.93		Date No other	Time (ft ²)	-	(ft)		
		•		BIC FEET P		WATER V		-		-		
		Dibein	mod, co	DIC IDDI I		Y MEAN V		BR 2002 10	OBI IBNDER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	19	3 7	5 5	e 8 0	e29	230	159	1980	571	213	67
2	30 29	23 25	34 e33	5 8 5 9	e 8 6 e 6 8	e32 e38	198 180	166 164	1950 1950	527 530	204 186	63 70
4	30	24	e33	55	e 6 9	e45	167	169	1950	512	163	93
5	28	22	e32	55	e 6 4	e49	153	171	1790	459	144	77
6	26	23	32	e 5 4	e61	5 8	143	174	1720	452	126	70
7	25	3 3	32	e 5 3	e 6 4	57	136	187	1810	412	115	67
8	2 5	160	e31	e 5 2	e 5 0	5 9	150	184	1680	384	104	64
9	24	153	e30	51	e 5 2	6 5	177	177	1750	3 6 3	9 5	63
10	2 3	8 3	2 9	52	e51	72	202	178	1620	370	8 3	62
11	23	6 4	e 2 9	e 5 1	e 4 8	8 0	226	190	1430	360	81	5 9
12	23	6 0	e 2 9	4 9	e 4 5	8 9	255	235	1320	3 3 7	7 6	5 8
13	23	60	29	4 9	e 4 5	105	228	340	1220	315	8 0	5 5
14 15	23 23	5 5 5 0	e30 e31	e50 e51	e44 e42	117 150	220 214	504 527	1250 1300	295 277	8 2 8 0	52 48
16	23	47	3 3	e52	e 4 3	127	190	595	1300	278	8 0	47
17 18	23 22	43 41	35 e36	e 5 3 5 4	e38 e38	118 109	179 172	618 675	1300 1270	279 283	79 74	46 46
19	23	40	e38	e 5 5	e 4 0	98	165	714	1160	333	71	43
2 0	2 3	42	e 4 1	e 5 6	e 3 8	101	165	826	1000	3 3 6	6 6	4 0
21	22	4 4	e43	5 6	e 3 4	9 6	164	1040	884	294	8 0	3 4
22	22	4 6	e 4 5	5 6	e 3 5	91	160	1330	786	277	8 4	3 3
23	23	4 5	e 4 8	e58	e 3 4	120	153	1590	705	314	73	3 0
24 25	23 24	42 41	50 51	e61 e61	e35 e35	126 127	167 168	1760 1860	615 585	309 255	74 65	28 29
26	23	33	e 5 2		e31	168	163	1760	617	225	6 5	26
27	26	e34	e52 e52	e 6 4 e 6 8	e31	180	164	1810	661	225	69	26
28	26	e34	e 5 3	e76	e31	158	166	2240	710	240	64	25
29	25	e 3 5	e 5 3	e72		151	158	2500	729	244	6 6	25
3 0	2 4	3 5	e 5 4	e 7 2		164	148	2550	672	216	6 4	24
31	2 3		e 5 4	e73		198		2250		212	67	
TOTAL	757	1456	1209	1781	1332	3177	5361	27643	37714	10486	2973	1471
MEAN	24.4	48.5	39.0	57.5	47.6	102	179	892	1257	338	95.9	49.0
MAX MIN	3 0 2 2	160 19	54 29	76 49	86 31	198 29	255 136	2550 159	1980 585	571 212	213 64	93 24
MED	23	41	35	5.5	44	101	167	595	1280	314	80	48
AC-FT	1500	2890	2400	3530	2640	6300	10630	54830	74810	20800	5900	2920
STATIST	CICS OF	MONTHLY MEA	N DATA	FOR WATER	YEARS 19	38 - 20	003, BY W	ATER YEAR	(WY)			
MEAN	54.5	67.2	70.8	78.0	74.7	110	301	783	959	490	150	73.4
MAX	219	5 3 9	448	854	246	3 6 9	609	1655	2066	1864	663	246
(WY)	1983	1951	1951	1997	1963	1986	1997	1969	1983	1995	1983	1983
MIN	16.6	22.2	20.0	18.1	26.0	32.1 1977	108	139	188	41.1	18.5	12.3
(WY)	1978 STATIS	1978	1991	1977 2002 CALE	1991		1975	1977 3 WATER Y	1976	1977	1977 EARS 1938	1977
ANNUAL		1105	1010	77377	MDAK IDA		9536		DAK	WAIDK	JAKO 1990	2003
ANNUAL				212			26			265		
	ANNUAL	MEAN						_		537		1983
LOWEST	ANNUAL	MEAN								6 5		1977
	DAILY				Jun 1			0 May		8660		2 1997
	DAILY M			19	Nov 1				1			11 1977
	SEVEN-D 1 PEAK F	AY MINIMUM		23	OCT 1	ь	3.01.0		16 30	10 12300	-	5 1977 2 1997
	PEAK S							5.93 May			.11 Jan	
		(AC-FT)		153500			18910		-	192300		/
	CENT EXC			673			71			803		
	CENT EXC			66			6			87		
9U PERC	CENT EXC	י ה בי חיס		2 6			2	7		3 4		

e Estimated

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA

 $LOCATION.-Lat~38°30'48", long~119°26'56", in~NE~^{1}/_{4}~NE~^{1}/_{4}~Sec.28, T.8~N.,~R.23~E.,~Mono~County,~Hydrologic~Unit~16050302, in~Toiyabe~National~Forest, on left bank, 250 ft downstream from Rock Creek, and 5 mi southeast of Coleville. \\$

DRAINAGE AREA.--250 mi².

PERIOD OF RECORD.--October 1902 to July 1908 (published as West Fork of Walker River near Coleville, 1903, 1905-08 and as Walker River (West Fork) near Coleville, 1904), March 1909 to September 1910, June 1915 to March 1938, May 1957 to current year.

REVISED RECORDS.--WSP 880: 1917 (runoff in acre-ft). WSP 1514: 1918, 1923. WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,520 ft above NGVD of 1929, from topographic map. See WSP 1927 for history of changes prior to July 25, 1964. July 26, 1964 to January 2, 1997(gage destroyed by flood) at several sites and datums 2,000 ft downstream from present location, when re-established October 28, 1997, at new datum.

REMARKS.--No estimated daily discharges. Records fair, except for daily discharges greater than 700 ft³/ s, which are poor. Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poore Lake, capacity, 1,200 acre-ft, 17 mi upstream. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/ s, January 2, 1997, gage height, 10.23 ft; minimum daily, 14 ft³/ s, several days July-September 1924 and September 12, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,120 ft³/ s and maximum (*):

		_			Gage height		_		scharge Ga			
		Date May 29	Time 0045	(ft ³ /s) *3,400	(ft) *8.67		Date No othe	Time (r peaks greater	ft ³ /s) then been disc	(ft)		
		•			PER SECOND,		EAR OCTOBE	-		-		
DAY	OCT	NOV	DEC	JAN	FEB	MEAN V	ALUES	MAY	JUN	JUL	AUG	SEP
1	40	30	40	53	92	40	243	185	2000	602	240	81
2	42	30	37	62	95	36	234	188	1950	557	224	76
3	40	33	3.5	64	76	41	217	187	1970	549	203	79
4	4 0	32	36	63	77	46	204	192	1980	534	174	99
5	3 9	31	38	64	72	49	175	190	1860	479	155	85
6	38	31	40	61	69	56	136	197	1720	467	140	77
7	3 7	38	38	61	72	61	143	210	1850	427	126	70
8	3 6	131	4 0	61	57	57	152	214	1680	401	114	67
9	3 6	142	49	63	61	64	183	200	1770	380	103	67
10	35	83	49	62	59	70	214	206	1660	384	93	66
11	34	67	46	60	56	80	236	221	1460	381	86	64
12	3 5	61	49	61	53	84	264	265	1340	362	80	62
13	35	61	49	61	53	114	258	356	1220	344	81	60
14	34	55	54	60	52	129	233	455	1230	327	82	58
15	3 4	50	43	57	50	179	230	494	1290	308	82	56
16	34	50	38	58	52	166	220	599	1310	307	81	54
17	33	47	23	59	46	146	206	639	1300	313	80	53
18	33	43	32	60	46	135	195	709	1260	312	80	53
19	33	45	48	60	48	121	190	767	1170	360	78	52
20	33	48	41	62	46	132	195	875	1020	364	80	47
21	33	53	48	62	42	123	189	1050	899	330	90	44
22	33	54	54	61	43	145	177	1330	809	314	102	42
23	33	54	53	66	41	171	170	1590	736	342	93	3 7
24	33	51	52	69	43	180	179	1810	645	349	87	3.5
25	3 3	51	57	68	43	177	188	2020	611	300	83	34
26	33	41	54	70	39	215	184	1780	630	269	85	33
27	34	42	60	77	40	216	188	1810	665	255	89	33
28	34	42	64	85	3 9	188	195	2380	707	278	82	32
29	34	42	54	81		175	192	2650	730	271	78	31
30	33	41	57	8 0		183	183	2670	694	252	75	31
31	32		57	82		225		2340		238	77	
TOTAL	1086	1579	1435	2013	1562	3804	5973	28779	38166	11356	3323	1678
MEAN	35.0	52.6	46.3	64.9	55.8	123	199	928	1272	366	107	55.9
MAX	42	142	64	85	95	225	264	2670	2000	602	240	99
MIN	32	3 0	23	53	3 9	36	136	185	611	238	75	31
AC-FT	2150	3130	2850	3990	3100	7550	11850	57080	75700	22520	6590	3330
STATIST	ICS OF MO	NTHLY MEAN	DATA	FOR WATER	YEARS 1903	- 2003	B, BY WATE	R YEAR (W	Y)			
MEAN	69.4	70.4	67.4	78.7	81.2	127	306	793	994	524	165	83.0
MAX	299	214	270	905	280	403	636	1756	2055	2492	721	269
(WY)	1905	1974	1965	1997	1963	1986	1910	1969	1983	1907	1995	1907
MIN	21.5	25.4	28.7	26.9	32.0	42.1	118	149	106	26.9	17.4	16.1
(WY)	1978	1930	1960	1930	1929	1933	1975	1977	1924	1924	1924	1924
SUMMARY	STATISTI	CS	FOR	2002 CAI	ENDAR YEAR		FOR 2003	WATER YEA	R	WATER YEAR	RS 1903	- 2003
	MEAN ANNUAL M			76035 208			100754 276			280 669		1907
	ANNUAL ME				T		0.00-	,, -	0			1977
	DAILY ME				Jun 1		2670	May 3	U	9000		
	DAILY MEA			23			23			14		
		MINIMUM		31	Oct 31		31	Oct 3 May 2	Τ	14 12500	Aug 2	
	PEAK FLC						3400	May 2 .67 May 2	9		Jan : 3 Jan :	
	RUNOFF (A			150800			199800	.o/ May 2	J	202600	udii .	L 1771
	ENT EXCEE			641			732			838		
	ENT EXCEE			69			79			95		
	ENT EXCEE			38			35			37		
		-		- 0								

10297000 TOPAZ LAKE NEAR TOPAZ, CA

 $LOCATION.--Lat~38^\circ 41'35'', long~119^\circ 31'10'', in~NW~^1/_4~NE~^1/_4~sec. \\ 33, T.10~N.,~R.22~E.,~Douglas~County,~Hydrologic~Unit~16050301,~at~outlet~works~of~Topaz~Lake~on~West~Walker~River,~and~5.5~mi~north~of~Topaz.$

PERIOD OF RECORD.--December 1921 to September 1931 (monthly contents only published in WSP 1734), October 1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is above NGVD of 1929. Prior to October 1, 1978, at datum 4.62 ft higher.

4,968

4,970

3,580

REMARKS.--Topaz Lake, formerly known as Alkali Lake and Topaz Reservoir, was formed by the diversion of water from West Walker River through a feeder canal and the construction of an outlet tunnel through a low saddle in rim of lake. Storage began about December 1921. Usable capacity, 59,440 acre-ft, between elevations 4,967.68 ft (lowest practical elevation for diversion through tunnel) and 5,000.38 ft (3 ft below top of levee). Usable capacity of reservoir was increased from about 45,000 acre-ft to 59,440 acre-ft in October 1937 by an earthfill, rock-faced levee at south end. Figures given herein represent usable contents. There is 65,000 acre-ft of lake volume below the point of controllable storage. Water is used for irrigation in Walker River Irrigation District. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 60,680 acre-ft, July 3, 1980, July 10, 1995, elevation 5,000.92 ft, present datum; no usable contents at times in some years.

EXTREMES FOR CURRENT YEAR.--Maximum contents 57,840 acre-ft, June 21, elevation, 4999.68 ft; minimum contents, 4,860 acre-ft, November 1, 2, elevation 4,970.82 ft, present datum.

Capacity table, (elevation, in feet, and contents, in acre-feet)

19,760

28,310

4,995

5,000

58,570

4,980

4,985

			4,9	75 11,	11,520		37,360) 5	,001 6	0,870		
					(ACRE-FE	ET), WATE	R YEAR OC	TOBER 200		EMBER 200	3	
					DAILY	OBSERVAT.	ION AT 240	00 HOURS				
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7260	4880	7830	10470	14810	18970	19650	19250	37260	55470	38960	25410
2	7180	4880	7880	10660	15000	19070	19700	19180	39110	54980	38540	24930
3	7100	4900	7940	10850	15170	19150	19650	19170	40910		38150	24450
4	7020	4930	7990	10920	15350	19220	19640	19050	42670	53950	37750	23940
5	6960	4960	8050	11130	15500	19270	19570	19000	44300	53400	37360	23430
6	6850	5010	8120	11290	15660	19280	19520	18920	45760	52780	37050	22900
7	6800	5150	8180	11350	15830	19330	19490	18830	47260	52140	36690	22370
8	6700	5440	8240	11520	15980	19330	19490	18680	48520	51260	36310	21850
9	6630	5920	8240	11680	16110	19350	19520	18550	49920	50760	35800	21370
10	6480	6170	8370	11840	16270	19370	19550	18430	51240	50070	35300	20880
11	6400	6310	8370	11990	16440	19380	19590	18320	52290	49380	34650	20460
12	6310	6470	8370	12100	16590	19380	19700	18200	53110	48690	34010	20060
13	6250	6580	8510	12210	16750	19400	19910	18150	53680	47980	33400	19620
14	6170	6700	8530	12310	16900	19350	19960	18330	54200	47370	32840	19200
15	6100	6850	8550	12450	17100	19450	19920	18450	54820	46750	32370	18780
16	6040	6780	9200	12570	17250	19440	19870	18620	55470	46180	31900	18370
17	5960	6930	9220	12700	17400	19440	19800	18850	56140	45640	31460	18030
18	5850	7050	9310	12810	17530	19450	19790	19120	56770	45180	31010	17760
19	5740	7150	9420	12930	17700	19440	19750	19370	57320	44860	30550	17520
20	5650	7230	9460	13060	17830	19420	19690	19620	57700	44590	30060	17230
21	5550	7290	9490	13170	17960	19380	19640	20020	57820	44220	29640	16900
22	5490	7340	9540	13290	18080	19350	19570	20590	57770	43700	29270	16570
23	5410	7450	9600	13400	18200	19420	19550	21420	57730	43270	28950	16240
24	5350	7460	9650	13530	18350	19450	19470	22560	57520	42860	28600	15890
25	5270	7530	9730	13660	18520	19540	19450	23910	57300	42370	28250	15550
26	5210	7580	9740	13810	18630	19520	19420	25140	57020	41820	27910	15230
27	5130	7620	9870	13950	18770	19590	19400	26500	56800	41330	27540	14900
28	5050	7650	9990	14120	18880	19620	19380	28360	56550	40830	27120	14530
29	5020	7700	10160	14280		19620	19370	30660	56280	40320	26730	14150
30	4960	7750	10260	14430		19640	19320	33050	55960		26310	13810
31	4900		10400	14610		19690		35320			25860	
MAX	7260	7750	10400	14610	18880	19690	19960	35320	57820	55470	38960	25410
MIN	4900	4880	7830	10470	14810	18970	19320	18150	37260			13810
#			4974.31									

+810

-370

+16000

+20640

-16570

-13530

-12050

CAL YR 2002 MAX 34670 MIN 4880 ## -4110 WTR YR 2003 MAX 57890 MIN 4680 ## +6500

+2650

+4210

+4270

+2850

##

-2410

[#] Elevation, in feet above NGVD 1929, at end of month, present datum.

^{##} Change in contents, in acre-feet.

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV

 $\label{location.--Lat 38°43'40", long 119°25'40", in NE 1/$_{4}$ sec. 17, T. 10 N., R. 23 E., Douglas County, Hydrologic Unit 16050302, on left bank, 20 ft upstream from Hoye Bridge, 2 mi upstream from head of Saroni Canal, and 4 mi southwest of Wellington.$

DRAINAGE AREA.--497 mi²

PERIOD OF RECORD.--May to August 1910 (published as West Walker River near Wellington), July 1920 to September 1923, March 1924 to August 1925, October 1925 to September 1932, October 1957 to current year. Monthly discharge only for some periods published in WSP 1314.

REVISED RECORDS .-- WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,980 ft above NGVD of 1929, from topographic map. May to August 1910, nonrecording gage at same site at different datum. July 1, 1920, to September 30, 1923, water-stage recorder at site 3 mi downstream, 1 mi downstream from Saroni Canal, at different datum, and supplemental nonrecording gage at Saroni Canal 1 mi downstream from head. March 1, 1924, to September 30, 1932, water-stage recorder at site at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by off-channel storage in Topaz Lake (station 10297000), since January 30, 1922. Diversions for irrigation of about 10,500 acres above station. Records include releases from Topaz Lake and all return flow from Antelope Valley. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,500 ft³/ s, January 3, 1997, gage height, 13.68 ft; minimum daily, 3.6 ft³/ s, February 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 917 ft³/s, May 25, gage height, 4.65 ft; minimum daily, 25 ft³/s, February 15, 18-20, 27.

		DISCH	ARGE, CUB	IC FEET P	ER SECOND, DAILY	WATER YE MEAN VA		2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	51	40	e59	36	44	102	98	624	540	303	282
2	73	37	42	47	37	44	97	100	593	517	297	292
3	75	32	42	46	37	43	96	104	622	520	282	316
4	76	31	42	43	33	44	94	99	620	521	274	323
5	75	29	41	44	31	50	93	97	583	524	246	332
6	71	29	41	43	30	51	91	89	538	508	219	314
7	71	28	42	40	3 0	57	85	103	561	500	201	299
8	67	37	41	40	e31	60	64	118	568	492	193	297
9	79	56	41	40	3 0	64	59	118	565	509	231	273
10	76	47	42	41	30	60	57	122	537	491	272	275
11	72	42	41	41	29	65	65	120	464	460	290	256
12	72	41	3 9	40	27	73	67	122	509	452	339	250
13	6 0	40	3 7	40	26	74	75	132	529	443	330	234
14	59	40	3 8	40	26	79	96	151	546	418	301	245
15	57	39	41	40	25	86	136	224	558	347	254	235
16	55	39	49	40	26	103	146	291	569	342	247	212
17	53	39	53	40	26	102	143	295	549	329	233	188
18	75	39	31	40	25	86	109	316	519	320	228	152
19	75	36	e29	4 0	25	73	113	336	498	318	233	135
20	74	35	e32	40	25	78	116	426	480	316	256	150
21	70	37	31	40	26	87	113	497	504	319	287	185
22	54	52	32	41	35	83	109	629	536	334	269	185
23	54	54	3 7	41	36	64	104	769	534	337	196	189
24	58	54	e38	42	33	63	100	767	528	326	202	187
25	58	54	e37	43	26	58	94	822	483	341	202	186
26	56	53	35	43	26	60	81	798	496	353	213	175
27	55	52	3 8	43	25	71	75	714	490	319	207	186
28	55	52	52	45	41	76	73	698	517	323	226	219
29	45	49	47	46		87	82	724	532	338	242	220
30 31	48 48	41	45 56	43 36		88 92	87	764 778	541	299 281	236 255	200
TOTAL	1988	1265	1252	1307	833	2165	2822	11421	16193	12437	7764	6992
MEAN	64.1	42.2	40.4	42.2	29.8	69.8	94.1	368	540	401	250	233
MAX	79	56	56	59	41	103	146	822	624	540	339	332
MIN	45	28	29	36	25	43	57	89	464	281	193	135
AC-FT	3940	2510	2480	2590	1650	4290	5600	22650	32120	24670	15400	13870
STATIST	CICS OF MO	NTHLY MEA	N DATA FO	OR WATER	YEARS 1910	- 2003,	BY WATER	YEAR (WY)				
MEAN	80.3	44.6	44.6	56.8	54.3	82.6	268	613	703	500	287	161
MAX	286	332	399	1032	500	477	730	1303	1949	1611	721	390
(WY)	1984	1983	1983	1997	1997	1983	1982	1969	1983	1995	1983	1983
MIN	12.6	13.3	9.20	5.56	7.66	8.03	59.7	115	150	97.1	26.6	19.5
(WY)	1978	1982	1985	1985	1985	1962	1929	1977	1924	1992	1977	1931
SUMMARY	STATISTI	CS	FOR 2	2002 CALE	NDAR YEAR	F	FOR 2003 W	ATER YEAR		WATER YEAR	S 1910	- 2003
ANNUAL	TOTAL			53730			66439					
ANNUAL	MEAN ANNUAL M	IFAN		147			182			246 620		1983
	ANNUAL ME									61.0		1977
	DAILY ME			657	May 19		822	May 25		4000	Jan	3 1997
	DAILY MEA			17	Jan 12		25	Feb 15		3.6		5 1985
	SEVEN-DAY			19	Jan 10		25	Feb 14		3.8		9 1985
MAXIMUM	1 PEAK FLC	W					917	May 25		11500	Jan	3 1997
MAXIMUM	I PEAK STA	GE					4.6			13.68	Jan	3 1997
	RUNOFF (A			106600			131800			178400		
	CENT EXCEE			390			517			639		
	ENT EXCEE			79			82			107		
90 PERC	CENT EXCEE	מחי		24			36			20		
	_											

e Estimated

10300000 WEST WALKER RIVER NEAR HUDSON, NV

 $LOCATION.--Lat~38^{\circ}48'35", long~119^{\circ}13'35", in~SE~^{1}/_{4}~SW~^{1}/_{4}~sec. 18,~T.11~N.,~R.25~E.,~Lyon~County,~Hydrologic~Unit~16050302, on~left~bank,~0.5~mi~upstream~from~Wilson~Canyon,~and~3~mi~southeast~of~Hudson.$

DRAINAGE AREA.--964 mi².

PERIOD OF RECORD.--August 1914 to March 1925, January 1947 to September 1978, April 1979 to September 1994, (irrigation season only) October 1994 to current year. August 1914 to April 1921 published as "at Hudson."

GAGE.--Water-stage recorder. Elevation of gage is 4,650 ft above NGVD of 1929, from topographic map. Prior to May 1921, nonrecording gage at site 2.5 mi upstream at different datum. May 1921 to March 1925, water-stage recorder at approximately same site at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by off-channel storage in Topaz Lake (station 10297000) since January 30, 1922. Many diversions above station for irrigation. Station is below return flow from irrigated areas in Smith Valley. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $11,400 \, \mathrm{ft}^3 / \mathrm{s}$, January 3, 1997, gage height, $12.18 \, \mathrm{ft}$; minimum daily, $10 \, \mathrm{ft}^3 / \mathrm{s}$, January 23, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 618 ft³/s, May 25-26, gage height, 2.75 ft; minimum daily, 20 ft³/s, November 6-8.

		DISC	HARGE, CUI	BIC FEET P		WATER YI	EAR OCTOBER ALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	e42	e32	60	e40	e49	76	55	484	384	177	107
2	60	e42	e32	55	e41	e40	75	49	425	352	180	116
3	58	e28	e33	53	e39	e39	74	56	442	340	177	135
4	61	e24	e34	51	e36	e46	71	58	452	352	174	146
5	63	e22	e33	50	e34	e48	71	57	440	354	162	149
6	64	e20	e33	50	e33	49	73	55	421	347	124	159
7	64	e20	e33	e48	e34	5 0	71	57	425	345	104	158
8	60	e20	e34	e46	e34	54	60	67	469	318	83	161
9	57	e31	e33	e46	e33	60	50	70	458	314	75	150
10	62	e43	e33	e47	e33	60	50	70	452	319	121	146
11	62	e38	e33	e47	e33	57	47	72	408	301	129	e140
12	61	e33	e33	e46	e32	63	51	64	401	291	166	e140
13	61	e32	e30	e46	e30	66	54	56	430	280	168	e140
14	5 7	e32	e29	e46	e29	66	64	57	443	275	157	e160
15	49	e31	e43	e45	e29	64	89	90	446	218	132	e160
16	50	e31	e55	e45	e28	75	101	147	463	208	132	e140
17	5 0	e31	65	e45	e28	8 9	110	162	455	206	135	e130
18	5 7	e31	52	e45	e29	79	90	171	419	201	131	e100
19	71	e30	e35	e45	e27	69	76	179	399	197	130	98
20	78	e27	e34	e45	e27	74	79	223	390	200	147	97
21	76	e27	e41	e45	e27	77	8.0	288	384	192	163	128
22	69	e30	4 0	e46	e28	75	82	359	401	195	206	133
23	61	e44	4 0	e46	e43	64	75	461	400	195	145	135
24	61	e45	e39	e46	e44	56	67	503	394	184	140	130
25	65	e45	e36	e47	e41	55	65	536	367	191	135	123
26	64	e45	e39	e47	e35	51	59	580	362	210	135	115
27	62	e44	e41	e47	e34	55	52	535	365	201	119	114
28	63	e43	49	e49	e33	60	52	484	377	199	112	143
29	55	e43	53	e50		64	52	502	398	225	103	150
30	47	e40	51	e47		68	48	523	392	213	89	139
31	47		53	e40		68		570		181	84	
TOTAL	1872	1014	1221	1471	934	1890	2064	7156	12562	7988	4235	4042
MEAN	60.4	33.8	39.4	47.5	33.4	61.0	68.8	231	419	258	137	135
MAX	78	45	65	60	44	89	110	580	484	384	206	161
MIN	47	20	29	40	27	39	47	49	362	181	75	97
AC-FT	3710	2010	2420	2920	1850	3750	4090	14190	24920	15840	8400	8020
STATIST	ICS OF MC	ONTHLY MEA	IN DATA F	OR WATER	YEARS 1915	- 2003	, BY WATER	YEAR (W	Υ)			
MEAN	71.5	64.0	70.5	80.8	88.7	98.5	212	439	588	355	171	107
MAX	203	178	493	1064	527	450	528	1231	1718	1490	568	290
(WY)	1917	1951	1951	1997	1997	1969	1982	1997	1983	1995	1983	1983
MIN	21.7	20.8	20.7	22.0	26.1	30.3	56.9	92.1	86.4	55.8	14.6	14.7
(WY)	1978	1962	1962	1962	1961	1961	1922	1977	1924	1924	1920	1920
SUMMARY	STATISTI	CS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEA	R	WATER YEAR	S 1915	- 2003
ANNUAL	TOTAL			40525			46449					
ANNUAL	MEAN			111			127			197		
HIGHEST	ANNUAL N	1EAN								435		1997
LOWEST	ANNUAL ME	EAN								56.4		1977
	DAILY ME			435	Jun 8			May 2		4230		3 1997
LOWEST	DAILY MEA	AN		18			20	Nov	6	10	Jan 2	3 1962
ANNUAL	SEVEN-DAY	MINIMUM		19	Jan 11		24	Nov	3	13	Aug	7 1920
MAXIMUM	1 PEAK FLO	W					618	May 2	5	11400	Jan	3 1997
MAXIMUM	I PEAK STA	AGE					2.7	5 May 2	5	12.18	Jan	3 1997
ANNUAL	RUNOFF (A	AC-FT)		80380			92130	_		143000		
10 PERC	CENT EXCEE	EDS		283			380			438		
	CENT EXCEE			69			64			99		
90 PERC	CENT EXCE	EDS		27			33			33		

e Estimated

10301500 WALKER RIVER NEAR WABUSKA, NV

LOCATION.--Lat 39°09'10", long 119°05'50", in SE $^{1}/_{4}$ NW $^{1}/_{4}$ sec.20, T.15 N., R.26 E., Lyon County, Hydrologic Unit 16050303, on left bank, 600 ft upstream from timber bridge at Julian Ranch, 1.8 mi downstream from Southern Pacific Railroad bridge, 4.6 mi east of Wabuska, and 16 mi upstream from Weber Dam.

DRAINAGE AREA.--2,600 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1902 to December 1904, January 1905 to July 1908 (fragmentary), January 1920 to September 1924, March 1925 to September 1935, January 1939 to current year. Monthly discharge only for some periods published in WSP 1734.

REVISED RECORDS .-- WSP 1314: 1923 (M). WSP 1634: 1904.

GAGE.--Water-stage recorder. Elevation of gage is 4,280 ft above NGVD of 1929, from topographic map. July 22, 1902, to July 31, 1908, nonrecording gage at site 2.5 mi upstream at different datum. January 15, 1920, to September 30, 1929, nonrecording gage or water-stage recorder at several sites near present site at various datums; October 1, 1929, to September 30, 1935, water-stage recorder at site 1.5 mi downstream at different datum. January 1939 to September 1958, non-recording gage on bridge 300 ft downstream at datum 1.19 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Many diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. No flow at times in 1924, 1925, and 1931. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 3,280 ft³/ s, July 10, 11, 1906, gage height, 5.9 ft, site and datum then in use; no flow at times, 1924, 1925, and 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 209 ft³/s, August 23, gage height, 5.12 ft; maximum gage height, 5.17 ft, May 26, backwater in channel; minimum daily, 5.4 ft³/s, August 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	e25	e15	35	13	41	10	20	136	47	39	31
2	53	e30	e15	44	17	35	16	23	123	47	67	42
3	45	e29	e15	33	18	25	18	29	94	35	81	25
4	38	e36	e15	31	e19	16	21	37	113	26	90	3 9
5	38	e35	e15	33	e19	14	20	39	126	33	85	45
6	41	e32	e15	29	e21	11	19	32	113	3 7	74	55
7	42	18	e15	31	e23	8.5	18	29	86	3 4	41	60
8	48	19	e15	25	e25	7.5	16	27	85	41	20	42
9	53	23	e15	27	e26	6.6	14	25	116	44	12	38
10	47	30	e15	29	e28	7.7	53	25	100	74	7.3	45
11	46	32	e15	27	e30	7.5	44	28	94	58	6.5	50
12	45	23	e15	25	34	6.3	3 5	28	60	45	5.4	54
13	44	16	e15	17	3 8	5.5	3 3	35	46	51	21	67
14	44	14	17	15	3 6	6.7	3 5	28	55	47	34	81
15	40	14	19	14	33	16	44	24	59	38	24	99
16	28	13	27	16	31	29	63	32	65	24	25	91
17	22	12	42	16	29	47	3 0	32	86	43	21	60
18	24	14	5 9	15	28	30	29	14	87	31	29	52
19	25	13	41	19	41	14	27	14	76	36	46	45
20	21	12	31	19	31	9.8	49	9.6	55	29	58	33
21	32	13	28	19	32	11	56	17	55	3 9	58	40
22	3 3	13	29	20	34	11	57	32	53	31	57	65
23	3 7	13	e28	19	3 7	11	53	73	67	29	141	5 0
24	3 7	14	e27	18	42	8.1	45	122	61	3 9	88	60
25	35	15	e22	19	45	23	43	122	52	44	33	49
26	21	e15	e28	14	46	20	43	136	30	91	56	35
27	34	e15	3 3	12	41	15	3 8	139	23	99	65	32
28	3 5	e15	41	12	41	13	3 0	126	24	86	67	41
29	25	e15	44	11		14	25	96	27	95	51	63
30	23	e15	4 9	12		14	22	93	41	109	40	5 0
31	33		3 7	12		15		105		75	37	
TOTAL	1153	583	797	668	858	499.2	1006	1591.6	2208	1557	1479.2	1539
MEAN	37.2	19.4	25.7	21.5	30.6	16.1	33.5	51.3	73.6	50.2	47.7	51.3
MAX	64	36	5 9	44	46	47	63	139	136	109	141	99
MIN	21	12	15	11	13	5.5	10	9.6	23	24	5.4	25
AC-FT	2290	1160	1580	1320	1700	990	2000	3160	4380	3090	2930	3050

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960 to June 1996; November 1996 to current year.

PERIOD OF DAILY RECORD.-

CHEMICAL ANALYSES: October 1968 to September 1969.

SPECIFIC CONDUCTANCE: October 1968 to September 1976, once-daily; May 1995 to June 1996, November 1996 to current year, four times per hour.

WATER TEMPERATURE: October 1968 to September 1976, once-daily; May 1995 to June 1996, November 1996 to current year, four times per hour.

INSTRUMENTATION.--Water quality monitor May 1995 to June 1996, November 1996 to current year, four times per hour.

REMARKS.--Inflow from two drainage ditches occasionally enters stream less than a mile above sampling site. Because inflow and streamflow differ in quality, and because the waters do not mix thoroughly above sampling site, flow at site is not homogenous either chemically or thermally when ditches discharge to the stream. Doubtless, this was responsible for some of the variation shown by daily specific-conductance and temperature data during water years 1969-76. Detailed sampling information is available from U.S. Geological Survey, Carson City, Nev. Pesticide analyses prior to October 1981 from U.S. Environmental Protection Agency. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum daily, 792 microsiemens/cm at 25°C, December 12, 1972; minimum daily, 116 microsiemens/cm at 25°C, July 23, 1998.

WATER TEMPERATURE: Maximum daily, 35.0°C, July 22, 2003; minimum daily, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum recorded, 521 microsiemens/cm at 25°C, January 16; minimum recorded, 162 microsiemens/cm at 25°C, June 5.

WATER TEMPERATURE: Maximum recorded, 35.0°C, July 22; minimum recorded, freezing point many days October to March.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN									
		OCTOBER		NO	OVEMBER		DI	ECEMBER			JANUARY	
1	318	308	312	402	383	397		420		395	383	389
2	315	302	308	416	382	400		423		390	375	383
3	312	302	307	422	382	392		434		404	385	394
4	322	310	315	404	383	392		436		419	403	412
5	328	312	319	408	394	403		437		430	415	421
6	340	320	329	420	406	415		440		441	427	433
7	338	325	332	434	418	428		424		461	437	443
8	343	319	331	428	419	423		437		482	450	466
9	344	332	337	430	415	421		435		461	448	454
10	334	324	328	418	401	409		427		456	442	448
11	335	316	327	418	401	409		439		454	444	449
12	319	311	314	432	408	419		437		464	449	454
13	328	313	320	439	414	424		444		491	458	479
14	341	322	329	441	420	428	469	439	447	482	469	476
15	358	332	344	444	427	432	456	437	446	492	478	484
16	390	358	375	448	430	438	450	424	434	521	459	481
17	403	378	386	446	433	438	424	406	412	491	468	481
18	397	381	387	444	433	438	409	395	401	501	476	486
19	414	386	394	454	435	444	419	398	408	486	456	468
20	418	356	402	460	437	448	447	411	428	470	453	461
21	392	351	367	455	443	448	459	424	444	466	452	458
22	366	350	357	459	444	452	465	448	455	463	446	455
23	361	347	354	469	445	457	461	445	454	458	440	452
24	367	351	359	460	445	454	478	440	456	466	444	458
25	388	366	374	457	444	452	502	447	468	464	441	454
26	408	384	392		444		453	436	444	486	460	480
27	393	374	383		443		451	403	434	491	482	486
28	388	376	382		448		407	393	401	492	480	484
29	402	388	395		444		395	388	391	494	480	486
30	411	384	402		426		390	379	384	493	479	487
31	393	377	383				391	380	385	490	479	485
MONTH	418	302	353		382			379		521	375	456

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY	7		MARCH			APRIL			MAY	
1	486	454	472	439	431	434	497	432	471	485	462	472
2	456 460	445 444	450 452	447 461	432 443	439 451	432 414	405 392	421 404	463 448	436 430	452 440
4	466	439	452	479	455	467	394	380	389	438	424	431
5	476	441	458				406	385	395	455	425	438
									404			
6	465	415	442				405	395	401	456	431	441
7 8	461 485	415	439 454				420	398	409 426	460 445	426	441 434
9	488	425 418	445				443 486	412 425	448	445	428 422	434
10	460	418	442				428	408	414	455	424	438
11	445	433	438				491	412	441	443	418	429
12 13	434	421	426				479 466	448	457	434	404	417
14	428 430	417 414	421 421				452	450 439	458 446	415 413	390 391	402 402
15	433	419	425				441	423	432	431	400	412
16	434	418	428	410	372	387	425	412	419	415	396	404
17	435	426	430	376	354	362	416	401	408	397	355	371 391
18 19	442 449	425 417	434 426	386	351	369	409 420	374 373	391 388	423 414	360 366	391
20	449	430	436				374	363	369	443	380	415
21	441	428	434				375	368	371	447	332	384
22	439	429	433				384	371	375	368	273	304
23	440	428	434				412	380	391	274	254	263
24	436	426	430		2.60		430	402	412	267	231	248
25	429	414	422	406	362	380	438	409	422	235	208	224
26	433	413	420	427	392	411	454	413	430	219	201	211
27	432	420	425	453	423	442	461	420	440	203	196	199
28	434	420	428	460	446	453	483	437	460	215	202	208
29				453	437	446	483	439	462	227	196	217
30				458	434	448	478	441	451	196	177	189
31				444	420	432				181	169	176
MONTH	488	413	436				497	363	420	485	169	357
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX	MIN	MEAN			MEAN	MAX	MIN	
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY 1		JUNE		MAX 231	JULY		I	AUGUST		ŝ	SEPTEMBE	R
	MAX 170 193		MEAN 167 183			MEAN 227 231			MEAN 257 258			
1	170	JUNE 164	167	231	JULY 222	227	269	AUGUST 245	257	308	SEPTEMBE	R 295
1 2 3 4	170 193 197 187	JUNE 164 168 168 164	167 183 187 178	231 240 262 266	JULY 222 221 233 251	227 231 247 257	269 262 253 266	245 253 242 244	257 258 248 252	308 292	SEPTEMBE 287 283	R 295 287
1 2 3	170 193 197	JUNE 164 168 168	167 183 187	231 240 262	JULY 222 221 233	227 231 247	269 262 253	AUGUST 245 253 242	257 258 248	308 292 293	287 283 278	R 295 287 284
1 2 3 4 5	170 193 197 187 179	JUNE 164 168 168 164 162	167 183 187 178 171	231 240 262 266 324	JULY 222 221 233 251 246	227 231 247 257 278	269 262 253 266 265	245 253 242 244 250	257 258 248 252 255	308 292 293 279	287 287 283 278 260	295 287 284 266
1 2 3 4	170 193 197 187 179	JUNE 164 168 168 164 162	167 183 187 178 171	231 240 262 266 324	JULY 222 221 233 251 246	227 231 247 257 278	269 262 253 266 265	245 253 242 244 250 247	257 258 248 252 255	308 292 293 279 	287 283 278 260	295 287 284 266
1 2 3 4 5	170 193 197 187 179	JUNE 164 168 168 164 162	167 183 187 178 171	231 240 262 266 324	JULY 222 221 233 251 246	227 231 247 257 278	269 262 253 266 265	245 253 242 244 250	257 258 248 252 255	308 292 293 279 	287 283 278 260	295 287 284 266
1 2 3 4 5	170 193 197 187 179	JUNE 164 168 168 164 162 164 171	167 183 187 178 171 172	231 240 262 266 324 263 242	JULY 222 221 233 251 246 234 228	227 231 247 257 278 249 234	269 262 253 266 265 260 288	245 253 242 244 250 247 257	257 258 248 252 255 254 272	308 292 293 279 	287 283 278 260 	295 287 284 266
1 2 3 4 5	170 193 197 187 179 178 190 198	JUNE 164 168 164 162 164 171 168	167 183 187 178 171 172 182 188	231 240 262 266 324 263 242 240	JULY 222 221 233 251 246 234 228 221	227 231 247 257 278 249 234 230	269 262 253 266 265 260 288 316	245 253 242 244 250 247 257 283	257 258 248 252 255 254 272 298	308 292 293 279 	287 283 278 260 	295 287 284 266
1 2 3 4 5 6 7 8 9	170 193 197 187 179 178 190 198 185 188	JUNE 164 168 168 164 162 164 171 168 164 169	167 183 187 178 171 172 182 188 176 180	231 240 262 266 324 263 242 240 252 236	JULY 222 221 233 251 246 234 228 221 224 221	227 231 247 257 278 249 234 230 234 227	269 262 253 266 265 260 288 316 396 472	245 253 242 244 250 247 257 283 309 329	257 258 248 252 255 254 272 298 343 378	308 292 293 279 	287 283 278 260 	295 287 284 266
1 2 3 4 5 6 7 8 9 10	170 193 197 187 179 178 190 198 185 188	JUNE 164 168 168 164 162 164 171 168 164 169	167 183 187 178 171 172 182 188 176 180	231 240 262 266 324 263 242 240 252 236	JULY 222 221 233 251 246 234 228 221 224 221 218	227 231 247 257 278 249 234 230 234 227	269 262 253 266 265 260 288 316 396 472	245 253 242 244 250 247 257 283 309 329	257 258 248 252 255 254 272 298 343 378	308 292 293 279 280	287 283 278 260 	295 287 284 266 271
1 2 3 4 5 6 7 8 9 10	170 193 197 187 179 178 190 198 185 188	JUNE 164 168 168 164 162 164 171 168 169	167 183 187 178 171 172 182 188 176 180	231 240 262 266 324 263 242 240 252 236	JULY 222 221 233 251 246 234 228 221 224 221 218 220	227 231 247 257 278 249 234 230 234 227	269 262 253 266 265 260 288 316 396 472 468 414	245 253 242 244 250 247 257 283 309 329	257 258 248 252 255 254 272 298 343 378 419 394	308 292 293 279 280 295 296	287 283 278 260 262 280 281	295 287 284 266 271 288 288
1 2 3 4 5 6 7 8 9 10	170 193 197 187 179 178 190 198 185 188	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 191	167 183 187 178 171 172 182 188 176 180	231 240 262 266 324 263 242 240 252 236 233 252 238	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218	227 231 247 257 278 249 234 230 234 227 225 233 224	269 262 253 266 265 260 288 316 396 472 468 414 354	245 253 244 250 247 257 283 309 329 387 354 273	257 258 248 252 255 254 272 298 343 378 419 394 299	308 292 293 279 280 295 296 297	287 283 278 260 262 280 281 288	295 287 284 266 271 288 288 292
1 2 3 4 5 6 7 8 9 10	170 193 197 187 179 178 190 198 185 188	JUNE 164 168 168 164 162 164 171 168 169	167 183 187 178 171 172 182 188 176 180	231 240 262 266 324 263 242 240 252 236	JULY 222 221 233 251 246 234 228 221 224 221 218 220	227 231 247 257 278 249 234 230 234 227	269 262 253 266 265 260 288 316 396 472 468 414	245 253 242 244 250 247 257 283 309 329	257 258 248 252 255 254 272 298 343 378 419 394	308 292 293 279 280 295 296	287 283 278 260 262 280 281	295 287 284 266 271 288 288
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 169 168 171 191 176 188	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276	245 253 242 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269	308 292 293 279 280 295 296 297 298 295	287 283 278 260 262 280 281 288 286 284	295 287 284 266 271 288 288 292 291 290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	170 193 197 187 179 178 190 198 185 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 191 176 188	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276	245 253 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269	308 292 293 279 280 295 296 297 298 295	287 283 278 260 262 280 281 288 286 284 275	295 287 284 266 271 288 288 292 291 290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 220 218 216 230 231 237	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238	269 262 253 266 265 265 288 316 396 472 468 414 354 286 276	245 253 242 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269	308 292 293 279 280 295 296 297 298 295	287 283 278 260 262 280 281 288 286 284 275 273	295 287 284 266 271 288 288 292 291 290 279 277
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 191 176 188 184 177	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 220 218 216 230 231 237 251	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276	245 253 242 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275	308 292 293 279 280 295 296 297 298 295 284 283 279	287 283 278 260 262 280 281 288 286 284 275 273 268	295 287 284 266 271 288 288 292 291 290 279 277 274
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 270 270	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276	245 253 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269	308 292 293 279 280 295 296 297 298 295 284 283 279 304	287 283 278 260 262 280 281 288 286 284 275 273 268 277	295 287 284 266 271 288 288 292 291 290 279 277 274 290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 191 176 188 184 177	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 220 218 216 230 231 237 251	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276	245 253 242 244 250 247 257 283 309 329 387 354 273 255 262	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275	308 292 293 279 280 295 296 297 298 295 284 283 279	287 283 278 260 262 280 281 288 286 284 275 273 268	295 287 284 266 271 288 288 292 291 290 279 277 274
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 191 176 188 184 177 179 179 192	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 248 268	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329	287 283 278 260 262 280 281 288 286 284 275 273 302 300	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	170 193 197 187 179 178 190 198 185 185 199 202 198 216 201 190 190 214 202	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 192 186 192	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 251 247 278 253 270 270 311	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 266 268	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273	308 292 293 279 280 295 296 297 298 295 297 298 295 297 298 295 304 329	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 190 190 191 202 219 202 219	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 192 189	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 268	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261 255 287	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 279 290 305 	245 253 2442 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268 277 284	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302 300 283 264	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 199 188	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 220 218 220 218 220 218 226 231 248 268 268 268 268 257 258 248	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 279 290 305	245 253 242 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302 300 283 264 269	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315 315 290 271 275
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 190 190 191 202 219 202 219	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 192 189	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 268	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261 255 287	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 279 290 305 	245 253 2442 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268 277 284	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302 300 283 264	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 190 214 202 197 202 199 213 236	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 192 189 198 209	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311 292 276 276 262 259	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 268 268 268 268 268 268 268 268 26	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287 274 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268 277 284	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 283 289	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 330 300 283 279 290	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302 300 283 264 269 268	295 287 284 266 271 288 288 292 291 290 277 274 290 315 315 290 271 275 280
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202 199 213 236	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 192 186 192 189 209	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 192 192 205 220	231 240 262 266 324 263 242 240 252 236 233 255 238 251 247 278 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 228 221 224 221 218 216 230 231 237 248 268 268 257 2548 251	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287 274 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268	257 258 248 252 255 264 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 330 300 283 279 290	287 283 278 260 262 280 281 288 286 284 275 273 302 300 283 264 269 268 281 281	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315 315 290 271 275 280
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	170 193 197 187 179 178 190 198 185 189 202 198 216 201 190 190 214 202 197 202 199 213 236 275 331 336	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 192 186 192 189 192 189 209 234 253 274	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 199 192 205 220 257 276 302	231 240 262 266 324 263 242 240 252 236 233 251 247 278 253 270 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 257 258 248 251	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287 274 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284 290	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 266 268 277 284 	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 296 297 298 295 304 329 300 283 279 290 291 295 292	287 283 278 260 262 280 281 288 286 284 275 273 268 277 302 300 283 264 269 268 281 281 283	295 287 284 266 271 288 288 292 291 290 279 277 274 290 315 315 290 271 275 280 285 288
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202 199 213 236 275 331 336 310	JUNE 164 168 164 162 164 171 168 164 169 168 177 179 179 179 179 179 192 186 192 189 198 209 234 253 274 261	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 192 197 194 205 220 257 276 302 277	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 221 224 221 218 220 218 216 230 231 237 251 248 268 268 257 258 248 251	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261 255 287 274 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284 290 296	245 253 242 244 250 247 257 283 309 329 387 355 262 258 277 269 266 268 277 284 	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 330 300 283 279 290 291 295 294	287 283 278 260 262 280 281 288 277 302 300 283 264 269 268 281 281 283 255	295 287 284 266 271 288 288 292 291 290 277 274 290 315 315 290 271 275 280 285 288 292
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202 199 213 236 275 331 336 267	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 192 189 198 209 234 253 274 261 230	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 192 197 194 205 220 257 276 302 277 248	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 268 257 258 248 251 231	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287 274 269 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284 290 296 295	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 300 283 279 290 291 295 292 284 274	287 283 278 260 262 280 281 288 286 284 275 273 302 300 283 264 269 268 281 281 281 283 269	295 287 284 266 271 288 288 292 291 290 277 274 290 315 315 290 271 275 280 285 288 292
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202 199 213 236 275 331 336 310	JUNE 164 168 164 162 164 171 168 164 169 168 177 179 179 179 179 179 192 186 192 189 198 209 234 253 274 261	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 192 197 194 205 220 257 276 302 277	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 221 224 221 218 220 218 216 230 231 237 251 248 268 268 257 258 248 251	227 231 247 257 278 249 234 230 234 227 225 233 224 238 250 245 261 255 287 274 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284 290 296	245 253 242 244 250 247 257 283 309 329 387 355 262 258 277 269 266 268 277 284 	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 330 300 283 279 290 291 295 294	287 283 278 260 262 280 281 288 277 302 300 283 264 269 268 281 281 283 255	295 287 284 266 271 288 288 292 291 290 277 274 290 315 315 290 271 275 280 285 288 292
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	170 193 197 187 179 178 190 198 185 188 185 199 202 198 216 201 190 214 202 197 202 199 213 236 275 331 336 267	JUNE 164 168 168 164 162 164 171 168 164 169 168 171 176 188 184 177 179 179 179 192 186 192 189 198 209 234 253 274 261 230	167 183 187 178 171 172 182 188 176 180 175 186 195 187 201 192 182 185 187 198 192 197 194 205 220 257 276 302 277 248	231 240 262 266 324 263 242 240 252 236 233 252 238 251 247 278 253 270 270 311 292 276 262 259	JULY 222 221 233 251 246 234 228 221 224 221 218 220 218 216 230 231 237 251 248 268 268 257 258 248 251 231	227 231 247 257 278 249 234 230 234 227 225 233 224 234 238 250 245 261 255 287 274 269 269 269 256 254	269 262 253 266 265 260 288 316 396 472 468 414 354 286 276 289 291 282 272 279 290 305 284 290 296 295	245 253 244 250 247 257 283 309 329 387 354 273 255 262 258 277 269 266 268	257 258 248 252 255 254 272 298 343 378 419 394 299 267 269 274 286 275 269 273 283 289 	308 292 293 279 280 295 296 297 298 295 284 283 279 304 329 300 283 279 290 291 295 292 284 274	287 283 278 260 262 280 281 288 286 284 275 273 302 300 283 264 269 268 281 281 281 283 269	295 287 284 266 271 288 288 292 291 290 277 274 290 315 315 290 271 275 280 285 288 292

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		D	ECEMBER			JANUARY	
1	16.5	11.0	13.0	7.5	0.0	2.5	3.0	0.0	0.5	4.5	0.0	1.0
2	15.5	7.5	11.0	6.0	0.0	1.5	6.0		1.5	5.0		2.0
3	17.0	7.0	11.5	5.5	0.0	2.0	6.0	0.0	1.5	7.0	0.0	3.0
4	19.5		14.5	7.5	0.0	2.5	6.5	0.0	2.0	7.0	1.5	3.5
5	19.0	8.5	13.5	9.0	0.0	3.5	5.5	0.0	1.5	7.5	1.0	3.5
6	20.0	9.5	14.0	9.0	0.0	4.0	6.5	0.0	2.5	5.5	0.0	2.0
7	20.0	10.0	14.5	9.5	3.5	6.5	6.5	0.0	1.5	6.0	0.0	1.5
8	19.5	10.0	14.5	11.0	6.5	8.0	4.5	0.0	1.0	6.0	0.0	2.0
9	19.5		14.5		5.0	7.5			0.5	7.0		4.0
10	14.5	11.5	13.0	10.0	5.0	7.0	2.0	0.0	0.5	6.5	3.5	4.5
11	16.5	9.0	12.0	11.0	4.0	7.0	3.5	0.0	0.5	7.5	1.5	4.5
12	15.5	7.0	11.0	11.5	4.0	7.0	4.5	0.0	1.0	9.5	2.0	5.5
13	16.0	6.5	11.0	13.0	5.5	8.5	4.5	0.0	2.0	10.0		5.5
14	16.5	7.5	11.5	13.0	3.5	7.5	8.0	2.5	4.5	8.0	0.5	3.5
15	17.0	7.0	11.5	10.5	1.0	5.5	6.0	1.0	3.5	9.0	0.0	3.5
16	17.5	6.0	11.5	11.5	1.5	5.5	6.5	2.5	3.5	8.5	0.0	3.0
17	18.5	5.5	11.5	10.5	1.0	5.0	4.0	1.0	2.5	8.0	0.0	3.0
18	18.0	5.5	11.0	9.0	0.0	4.0	3.5	0.0	1.0	9.0	0.0	3.0
19	18.0	5.0	11.0	10.0	0.0	4.5		0.0	0.0	8.0	0.0	3.0
20	18.0	5.5	11.0	11.0	1.0	5.0	3.5	0.0	0.5	9.0	0.0	3.5
21	16.5	6.5	11.0	9.0	0.5	4.5	3.5	0.0	1.0	9.5	1.5	4.5
22	16.5		10.5	10.5		5.5	2.5	0.0	0.5	10.0	2.5	5.5
23	16.5		10.5	13.0	4.5	7.5	3.5	0.0	0.5	10.0	3.0	6.5
24	15.0		10.0	11.0 9.0	2.0	6.0	1.0	0.0	0.0	11.5	5.0	7.5
25	15.0	6.5	10.0	9.0	1.0	4.0	0.5	0.0	0.0	13.5	5.0	8.0
26	16.0	4.5	9.5	7.0	0.0	2.0	0.0	0.0	0.0	9.5	4.0	6.5
27	16.0		10.0	6.0	0.0	1.5	5.0	0.0	1.0	10.5		7.5
28	14.0	5.0	9.0	6.5	0.0	1.5	4.5	0.0	1.5	13.5	4.5	7.5
29	14.0	4.0	8.0	3.5	0.0	0.5	5.0	0.0	1.5	12.5	2.5	6.5
30	12.5	2.0	6.5	0.5	0.0	0.0	4.0	0.0	1.5	13.0	3.0	7.0
31	9.5	0.0	4.0				6.0	0.5	2.5	13.5	3.5	7.5
MONTH	20.0	0.0	11.2	13.0	0.0	4.6	8.0	0.0	1.4	13.5	0.0	4.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY			MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
DAY 1					MARCH	MEAN		APRIL	MEAN	MAX 19.5	MAY	MEAN
1 2	11.5 9.5	FEBRUARY 4.0 1.0	6.5 4.5	10.5 12.5	MARCH 4.0 0.0	6.5 5.5	16.5 14.5	APRIL 6.0 3.0	10.5	19.5 18.0	MAY 6.0 9.5	12.5 13.0
1 2 3	11.5 9.5 10.0	FEBRUARY 4.0 1.0 0.0	6.5 4.5 3.5	10.5 12.5 13.0	MARCH 4.0 0.0 1.5	6.5 5.5 6.5	16.5 14.5 18.5	APRIL 6.0 3.0 2.0	10.5 8.0 8.5	19.5 18.0 18.5	MAY 6.0 9.5 8.5	12.5 13.0 13.0
1 2 3 4	11.5 9.5 10.0 7.5	FEBRUARY 4.0 1.0 0.0	6.5 4.5 3.5 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5	16.5 14.5 18.5 13.0	APRIL 6.0 3.0 2.0 4.0	10.5 8.0 8.5 7.5	19.5 18.0 18.5 18.5	MAY 6.0 9.5 8.5 10.0	12.5 13.0 13.0 13.5
1 2 3	11.5 9.5 10.0	FEBRUARY 4.0 1.0 0.0	6.5 4.5 3.5	10.5 12.5 13.0	MARCH 4.0 0.0 1.5	6.5 5.5 6.5	16.5 14.5 18.5	APRIL 6.0 3.0 2.0	10.5 8.0 8.5	19.5 18.0 18.5	MAY 6.0 9.5 8.5	12.5 13.0 13.0
1 2 3 4 5	11.5 9.5 10.0 7.5	FEBRUARY 4.0 1.0 0.0	6.5 4.5 3.5 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5	16.5 14.5 18.5 13.0	APRIL 6.0 3.0 2.0 4.0	10.5 8.0 8.5 7.5	19.5 18.0 18.5 18.5	MAY 6.0 9.5 8.5 10.0 7.5	12.5 13.0 13.0 13.5
1 2 3 4 5	11.5 9.5 10.0 7.5 6.5 5.0	FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0	6.5 4.5 3.5 2.0 1.5	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0	19.5 18.0 18.5 18.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5	12.5 13.0 13.0 13.5 14.5
1 2 3 4 5	11.5 9.5 10.0 7.5 6.5 5.0 4.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	6.5 4.5 3.5 2.0 1.5	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5 5.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5	12.5 13.0 13.0 13.5 14.5
1 2 3 4 5 6 7 8 9	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0	FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0	12.5 13.0 13.5 14.5 14.0 14.0 10.5 9.5
1 2 3 4 5	11.5 9.5 10.0 7.5 6.5 5.0 4.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	6.5 4.5 3.5 2.0 1.5	10.5 12.5 13.0 13.5	4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5 5.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5	12.5 13.0 13.0 13.5 14.5
1 2 3 4 5 6 7 8 9 10	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0	4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5 5.5 7.0 11.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5
1 2 3 4 5 6 7 8 9 10	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 15.5 15.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 6.0 7.0 9.0 11.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5
1 2 3 4 5 6 7 8 9 10	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 4.0 8.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 15.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 9.0 11.5 12.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5
1 2 3 4 5 6 7 8 9 10	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 4.0 8.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 15.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 9.0 11.5 12.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0	10.5 12.5 13.0 13.5	MARCH 4.0 0.0 1.5 3.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 0.5 4.0 10.5 13.0 10.5	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0 7.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 10.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5 18.0
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5	4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 8.0 7.5 8.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.5 20.0 18.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0 7.0 10.0 9.5 8.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 10.5 10.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.0 17.0 17.0 15.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0 8.0 10.5 13.0 10.5	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 2.0 3.0 2.0 5.5 7.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0 7.0 10.0 9.5 8.0 6.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 12.5 12.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.0 11.5 7.7	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5 18.0
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5	4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 8.0 7.5 8.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.5 20.0 18.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 3.5 5.5 7.0 11.0 9.5 10.0 9.5 9.0 7.0 10.0 9.5 8.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 10.5 10.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.0 17.0 17.0 15.0
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 4.0 5.0 10.5 13.0 10.5 13.0 10.5	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 3.5 6.0	10.5 12.5 13.0 13.5 14.0 10.5 15.0	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 18.0 17.0 23.0 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 9.0 7.0 10.0 9.5 9.0 10.0 9.5 9.0 11.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 12.5 13.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 25.0 25.0 30.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 9.0 11.5 12.5 13.5 10.0 11.5 7.0 8.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.5 18.0 17.0 17.0 15.5 18.0
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5 12.5 10.0 11.5 5.5 12.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 2.0 3.0 2.0 5.5 7.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 18.0 17.0 23.0 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 9.0 7.0 10.0 9.5 8.0 0 5.5 9.0 11.0 9.5	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 12.5 11.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.0 11.5 7.0 8.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.5 18.0 17.0 17.0 15.5 18.0
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5 12.5 10.0 11.5 5.2.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5 14.5 18.0 17.0 23.0 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 5.5 9.0 11.0 11.0 9.5 8.0 5.5 9.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 13.5 12.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.5 11.0 8.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5 18.0 17.0 15.0 15.0 15.0 15.0 15.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5 12.5 12.0 11.5 5.5 12.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 5.0 6.0 6.0 6.0 6.0 6.0	10.5 12.5 13.0 13.5 14.0 10.5 15.0	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 16.5 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 7.0 10.0 9.5 8.0 5.5 9.0 11.0 11.0	10.5 8.0 8.5 7.5 9.0 11.0 14.0 15.5 13.5 12.5 12.5 12.5 12.5 12.5 13.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0 30.0 29.5 27.5 24.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 10.5 10.5 11.5 11.0 11.5 7.5 11.0 11.5 7.0 11.5 7.0 11.5	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.0 17.0 15.0 15.5 18.0
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5 12.5 10.0 11.5 5.2.0	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5	10.5 12.5 13.0 13.5 	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5 14.5 18.0 17.0 23.0 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 5.5 9.0 11.0 11.0 9.5 8.0 5.5 9.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 13.5 12.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.5 11.0 8.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.5 18.0 17.0 15.0 15.0 15.0 15.0 15.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 10.5 13.0 10.5 12.5 10.0 11.5 5.1 12.0 12.0 11.0 12.0 11	### FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 6.0 6.0 6.0 6.0 5.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5	6.5 5.5 6.5 7.5 8.0 7.5 8.0 12.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5 14.5 18.0 17.0 23.0 16.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 7.0 11.0 9.5 8.0 5.5 9.0 11.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 13.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0 30.0 29.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.5 11.5 10.0 11.5 7.5 7.5 11.0 8.5	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 18.5 19.0 17.0 17.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	11.5 9.5 10.0 7.5 6.5 5.0 5.0 4.0 5.0 8.0 10.5 13.0 10.5 12.5 10.0 11.5 12.0 12.0 11.0	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 2.0 2.0 5.5 7.5 6.5 7.0 5.0 3.5 6.0 6.0 6.0 5.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0 17.0 18.5	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5 8.5 6.0	6.5 5.5 6.5 7.5 	16.5 14.5 18.5 13.0 17.5 12.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 18.0 17.0 23.0 16.5 16.5 15.0 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 9.0 7.0 10.0 9.5 9.0 11.0 9.5 9.0 11.0 9.5 10.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 12.5 12.5 12.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 30.0 29.5 27.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 9.0 11.5 12.5 13.5 10.5 10.0 11.5 11.0 11.0	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.5 18.0 17.5 18.0 17.0 17.0 17.0 15.5 18.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 4.0 10.5 13.0 10.5 12.5 10.0 11.5 5.5 12.0 12.0 11.0 9.0	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 5.0 5.0 5.5 6.0 6.0 6.0 5.5 6.5 6.5 5.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0 17.0 18.5 19.5	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5 8.5 6.0 3.0	6.5 5.5 6.5 7.5 8.0 7.5 8.0 7.5 8.0 12.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 18.0 17.0 23.0 16.5 16.5 15.0 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 0.5 5.5 9.0 11.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 12.5 12.5 12.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0 30.0 29.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.0 11.5 7.0 8.5 11.0 14.0 17.0 17.0 15.5 16.0	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.0 17.0 17.0 15.5 18.0 17.0 15.5 18.0 19.5 21.5 22.0 21.0 21.0 23.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 8.0 6.5 4.0 10.5 13.0 10.5 12.5 10.0 11.5 12.0 11.0 12.0 11.0 9.0	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.5 6.5 6.0 5.5 6.0 5.5 6.0 5.5 6.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0 17.0 18.5 19.5 21.0	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5 8.5 6.0 3.0 3.0	6.5 5.5 6.5 7.5 8.0 7.5 8.0 7.5 8.0 12.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5 14.5 18.0 17.0 23.0 16.5 16.5 15.0 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 5.5 9.0 11.0 11.0 9.5 10.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 12.5 13.5 12.5 13.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0 30.0 29.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.5 11.0 11.5 7.5 11.0 17.5 16.0 15.5 16.0	12.5 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.5 18.0 17.0 17.0 15.0 15.0 15.0 19.5 21.5 22.0 21.0 19.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 4.0 10.5 13.0 10.5 12.5 10.0 11.5 5.5 12.0 12.0 11.0 9.0	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 5.0 5.0 5.5 6.0 6.0 6.0 5.5 6.5 6.5 5.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0 17.0 18.5 19.5	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5 8.5 6.0 3.0	6.5 5.5 6.5 7.5 8.0 7.5 8.0 7.5 8.0 12.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 18.0 19.5 14.5 18.0 17.0 23.0 16.5 16.5 15.0 21.5	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 0.5 5.5 9.0 11.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 12.5 12.5 12.5 12.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 26.5 29.0 30.0 29.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.0 11.5 7.0 8.5 11.0 14.0 17.0 17.0 15.5 16.0	12.5 13.0 13.0 13.5 14.5 14.0 10.5 9.5 13.5 16.0 17.0 17.0 17.0 15.5 18.0 17.0 15.5 18.0 19.5 21.5 22.0 21.0 21.0 23.0
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	11.5 9.5 10.0 7.5 6.5 5.0 4.0 5.0 4.0 10.5 13.0 10.5 12.5 10.0 11.5 12.0 12.0 11.0 10.0 9.0	## FEBRUARY 4.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.5 4.5 3.5 2.0 1.5 1.0 0.5 1.0 2.0 3.0 2.0 5.5 7.5 6.5 7.0 5.0 3.5 6.0 6.0 6.0 6.0 5.5 6.5 5.5	10.5 12.5 13.0 13.5 14.0 10.5 15.0 20.0 17.0 18.5 19.5 21.0 23.5	MARCH 4.0 0.0 1.5 3.0 3.0 5.5 2.5 6.5 8.5 6.0 3.0 5.0	6.5 5.5 6.5 7.5 8.0 7.5 8.0 7.5 8.0 12.0 12.0 10.5 10.0 11.0	16.5 14.5 18.5 13.0 17.5 12.0 21.0 24.5 25.5 21.5 23.0 18.5 20.0 19.5 14.5 18.0 17.0 23.0 16.5 16.5 15.0 21.5 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	APRIL 6.0 3.0 2.0 4.0 3.0 5.5 5.5 7.0 11.0 9.5 10.0 9.5 8.0 7.0 11.0 9.5 10.0 9.5 8.0 5.5 9.0 11.0 9.5 10.0 9.5 8.0 5.5 9.0	10.5 8.0 8.5 7.5 9.0 8.5 11.0 14.0 15.5 15.5 13.5 12.5 12.5 12.5 12.5 12.5 13.5 12.5 12.5	19.5 18.0 18.5 18.5 22.5 21.0 17.5 14.5 16.5 22.5 25.0 27.5 26.5 23.0 27.0 24.5 24.0 25.0 29.5 24.0 22.5 23.0 27.5 24.0 22.5	MAY 6.0 9.5 8.5 10.0 7.5 8.5 9.5 7.5 6.0 7.0 9.0 11.5 12.5 13.5 10.5 11.5 12.5 11.5 12.5 13.5 10.5 11.5 11.5 11.5 11.5 11.5 11.5 11	12.5 13.0 13.0 14.5 14.5 14.0 10.5 9.5 13.5 16.0 17.5 18.0 17.0 17.5 18.0 17.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	lR.
1	25.0	17.5	21.0	28.0	16.5	22.0	29.5	21.0	24.5	27.5	14.5	20.5
2	26.5	17.5	22.0	28.0	15.5	21.5	26.0	21.0	23.5	27.0	16.5	21.5
3	27.5	17.5	22.5	30.5	16.5	22.5	28.0	20.0	23.5	26.0	17.0	21.0
4	26.5	18.0	22.0	31.5	15.5	23.0	28.5	20.5	24.0	24.5	16.5	20.5
5	26.0	17.5	21.5	31.0	17.0	23.0	28.5	20.5	24.0	26.5	16.5	21.0
6	26.0	16.5	21.5	30.5	17.0	23.0	27.5	19.0	23.0	25.5	16.0	20.5
7	27.5	18.0	22.5	30.5	16.0	22.5	29.5	17.5	23.0	23.0	15.5	19.0
8	28.5	19.0	23.5	30.0	15.0	22.0	32.0	17.5	24.0	22.5	14.5	18.0
9	27.0	19.0	23.0	32.5	17.0	24.0	32.0	16.5	23.0	21.5	14.5	17.5
10	26.5	17.0	21.5	30.0	19.5	24.5	32.5	16.0	23.0	22.5	13.0	17.5
11	27.0	17.5	21.5	31.5	19.0	24.5	31.5	17.0	23.0	22.5	13.0	17.5
12	28.0	17.5	22.0	31.5	19.0	24.5	32.0	15.5	22.5	23.5	14.0	18.5
13	28.0	16.5	21.5	30.0	17.5	23.5	29.5	16.0	22.5	21.5	14.5	17.5
14	28.5	16.5	22.0	31.0	17.5	24.0	30.5	17.5	24.0	21.5	13.0	17.5
15	28.0	17.0	22.5	31.5	18.5	24.5	31.0	18.5	24.5	20.5	15.0	17.5
16	29.0	18.0	23.5	33.0	18.5	25.0	31.5	19.0	24.5	21.0	15.0	17.5
17	29.0	19.0	24.0	30.5	21.0	25.0	30.5	17.0	23.5	19.0	12.0	15.5
18	26.0	20.0	23.0	32.5	20.0	25.5	31.0	17.5	24.0	20.0	10.5	14.5
19	27.0	17.5	21.5	32.5	21.0	25.5	29.0	19.0	23.5	21.5	11.0	16.0
20	27.0	16.5	21.0	34.0	21.5	27.0	29.0	19.0	23.0	23.0	11.5	17.0
21	26.5	15.5	20.5	34.0	22.0	27.5	27.5	21.0	23.0	22.0	12.0	17.0
22	25.5	15.0	19.5	35.0	22.5	27.5	27.5	19.0	22.5	21.5	13.0	17.0
23	19.0	14.5	17.0	32.5	23.0	27.0	24.5	18.5	21.5	23.0	13.0	18.0
24	24.5	12.5	18.0	30.0	22.0	25.0	26.5	18.5	22.5	23.0	14.0	18.0
25	27.0	14.5	20.5	28.5	20.5	24.0	29.0	17.5	22.5	23.5	13.5	18.0
26	29.5	15.0	22.0	28.0	20.5	24.0	25.0	20.0	22.0	23.5	12.0	17.5
27	31.0	16.0	23.0	29.0	22.5	25.0	27.0	18.0	22.0	24.5	12.5	18.0
28	32.0	17.5	24.5	30.0	22.0	25.5	27.0	18.5	22.0	23.5	13.5	18.0
29	31.5	18.5	24.0	30.0	22.0	25.5	27.0	17.5	21.5	22.0	14.5	18.0
30	29.5	16.5	22.5	29.0	22.0	25.5	27.0	15.5	21.0	23.5	14.0	18.5
31				28.5	22.5	25.0	22.0	16.5	19.0			
MONTH	32.0	12.5	21.8	35.0	15.0	24.5	32.5	15.5	22.9	27.5	10.5	18.1

10301600 WALKER RIVER ABOVE WEBER RESERVOIR NEAR SCHURZ, NV

 $\begin{array}{l} \textbf{LOCATION.--Lat 39°06'12", long 118°55'42", in NW 1/$_{4}$ SE 1/$_{4}$ sec.02, T.14 N., R.27 E., Lyon County, Hydrologic Unit 16050303, on left bank, } \\ \textbf{5.5 mi upstream from Weber Dam, about 11 mi downstream from gage near Wabuska, and 12 mi northwest of Schurz.} \end{array}$

DRAINAGE AREA.--2,700 mi², approximately.

PERIOD OF RECORD.--June 1977 to September 1982, June 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,215 ft above NGVD of 1929, from topographic map. Prior to September 1982, at same site at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Many diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 2,000 ft³/ s, July 5, 1980, gage height, unknown; maximum gage height, 10.37 ft, January 8, 1997 (different datum); no flow July 16-18, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114 ft³/s, June 2, gage height, 6.39 ft, backwater from beaver dam(s); minimum daily, 1.1 ft³/s, August 13.

		DIS	CHARGE, CUB	IC FEET PE		WATER YI Y MEAN V	EAR OCTOBER :	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	12	6.0	21	1.3	33	12	19	91	17	63	26
2	40	e16	7.0	22	13	33	13	18	109	22	47	22
3	37	e21	e8.0	27	13	30	10	17	82	23	51	25
4	34	e21	e7.7	22	15	25	12	20	65	18	61	22
5	3 0	e24	e7.5	21	15	19	19	23	73	12	66	22
6	29	e25	8.1	21	e14	17	24	25	82	13	62	26
7	3 0	22	e7.2	19	e14	16	22	24	78	17	55	29
8	3 0	20	e7.0	20	e16	14	22	22	65	17	36	33
9	32	17	e7.1	21	e15	13	20	19	64	18	18	28
10	37	20	e7.0	21	e17	13	19	18	82	20	8.9	25
11	36	25	e7.3	21	25	12	31	19	76	27	4.7	29
12	3 7	27	e7.7	21	25	12	3.5	19	72	27	2.7	36
13	41	23	9.8	19	27	13	32	21	54	23	1.1	41
14	36	18	11	16	29	11	32	23	39	23	1.2	4.9
15	34	15	12	15	28	10	32	24	41	23	4.9	57
16	31	14	13	14	26	16	36	18	43	21	8.7	67
17	24	13	15	13	25	32	43	17	49	16	10	65
18	18	12	18	14	23	42	32	18	61	18	10	54
19	17	12	21	14	23	31	26	12	63	17	12	47
20	17	12	19	14	29	18	26	5.5	55	17	15	41
21	17	11	17	16	26	12	34	6.5	42	15	19	32
22	16	10	15	16	25	12	40	10	40	17	21	32
23	18	9.6	14	17	26	9.8	40	15	39	19	20	41
24	19	9.1	13	17	29	8.2	37	33	46	20	45	37
25	21	8.6	10	16	32	6.8	32	60	47	24	41	37
0.6			4.0				0.4					0.5
26	21	8.3	12	16	34	8.4	31	71	40	29	28	35
27	18	7.8	14	15	35	10	31	88	25	44	32	29
28	14	7.3	19	e14	3 3	9.5	29	96	15	64	36	28
29	15	6.7	24	e14		8.1	24	80	13	62	37	33
30 31	14 12	6.4	25 27	e13 13		10 11	21	69 81	13	65 70	33 28	42
31	12		21	13		11		81		70	28	
TOTAL	809	453.8	396.4	543	645	515.8	817	991.0	1664	818	878.2	1090
MEAN	26.1	15.1	12.8	17.5	23.0	16.6	27.2	32.0	55.5	26.4	28.3	36.3
MAX	41	27	27	27	35	42	43	96	109	70	66	67
MIN	12	6.4	6.0	13	13	6.8	10	5.5	13	12	1.1	22
AC-FT	1600	900	786	1080	1280	1020	1620	1970	3300	1620	1740	2160
STATIST	ICS OF M	ONTHLY ME	AN DATA FO	R WATER Y	EARS 1977	7 - 2003	, BY WATER	YEAR (WY)				
MEAN	43.4	68.0	74.4	161	172	145	150	358	422	259	79.7	63.2
MAX	149	206	182	1146	722	387	563	864	1017	1155	260	236
(WY)	1981	1999	1996	1997	1997	1996	1982	1997	1995	1995	1980	1980
MIN	3.39	0.032	3.97	6.12	20.0	9.87	16.5	32.0	18.3	20.6	14.6	17.9
(WY)	1978	1978	1978	1978	1978	2002	2002	2003	2002	1977	2002	1977
SUMMARY	STATIST	CICS	FOR 2	002 CALEN	DAR YEAR		FOR 2003 WA	TER YEAR		WATER YEA	RS 1977 ·	- 2003
ANNUAL	TOTAL			6977.3			9621.2					
ANNUAL				19.1			26.4			173		
	ANNUAL	MEAN					20.1			374		1997
	ANNUAL M									18.5		2002
	DAILY M			74	May 21		109	Jun 2		1900	Jul!	
	DAILY ME			2.5	Mar 8		1.1	Aug 13		0.0		
		Y MINIMUM	I	3.9	Mar 4		4.6	Aug 10		0.0		
	PEAK FL			3.5			114	Jun 2		2000		5 1980
	PEAK ST						6.39			10.3		3 1997
	RUNOFF (13840			19080			125000		
	ENT EXCE			34			52			522		
	ENT EXCE			17			21			64		
	ENT EXCE			7.2			9.9			14		

e Estimated

10301700 WEBER RESERVOIR NEAR SCHURZ, NV

 $\begin{array}{l} LOCATION.--Lat\ 39^{\circ}02'41'',\ long\ 118^{\circ}51'33'',\ in\ NE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.28,\ T.14\ N.,\ R.28\ E.,\ Mineral\ County,\ Hydrologic\ Unit\ 16050303,\ approximately\ 8\ miles\ above\ Schurz. \end{array}$

DRAINAGE AREA.--2,770 mi², approximately.

PERIOD OF RECORD.--April 1995 to June 1996; November 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,221 ft above NGVD of 1929 (project datum Bureau of Indian Affairs).

4.181

REMARKS.--Reservoir is formed by earth and gravel-fill dam, constructed by Bureau of Indian Affairs (formerly U. S. Indian Service). Construction started September 21, 1933. Storage began July 27, 1934, although it was nearly a year later before the dam was completely finished. Capacity 10,700 acre-ft, with a surface area at 900 acres, determined from Bathymetric Survey by U. S. Geological Survey in 1973. Many diversions for irrigation above reservoir. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 10,600 acre-ft, June 5, 1999, elevation, 4207.93 ft; minimum, 53 acre-ft, August 12, 2000, elevation 4182.05.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 4,790 acre-ft, April 28, 29, elevation 4,200.07 ft; minimum, 878 acre-ft, October 3, elevation 4190.19 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

4,200

4,750

					4,185 4,190 4,195	250 850 2,100	4,20 4,20	5 8,2				
			RESERVOIR	STORAGE		ET), WATE			2 TO SEPT	EMBER 200	3	
DAY	OC'	r nov	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	886	1170	1500	1710	2260	3520	4060	4660	4470	4520	2960	2430
2	894	1170	1500	1720	2260	3580	4050	4600	4560	4390	3090	2390
3	903	1180	1510	1730	2280	3650	4060	4540	4610	4250	3180	2350
4	913	1200	1510	1740	2290	3700	4070	4470	4620	4150	3290	2330
5	918	1240	1520	1750	2310	3740	4090	4410	4610	4030	3400	2310
6	918	1250	1530	1760	2320	3760	4100	4370	4630	3880	3500	2300
7	919	1290	1540	1760	2340	3770	4120	4330	4640	3730	3610	2300
8	922	1340	1550	1770	2360	3790	4130	4280	4650	3590	3680	2310
9	924	1360	1550	1780	2380	3800	4160	4220	4610	3460	3730	2330
10	929	1380	1560	1790	2410	3800	4170	4170	4610	3340	3740	2360
11	937	1410	1570	1790	2450	3810	4190	4110	4610	3210	3740	2400
12	947	1440	1570	1800	2490	3810	4220	4040	4600	3110	3730	2450
13	959	1480	1580	1820	2550	3790	4280	3980	4590	3000	3720	2500
14	973	1500	1600	1860	2620	3790	4290	3950	4540	2920	3710	2580
15	981	1510	1610	1890	2680	3800	4280	3940	4480	2840	3700	2690
16	985	1520	1650	1910	2740	3790	4290	3910	4400	2750	3680	2800
17	987	1520	1670	1930	2800	3800	4370	3890	4360	2680	3670	2920
18	1010	1530	1680	1950	2850	3840	4430	3850	4330	2600	3540	3040
19	1030	1530	1690	1970	2910	3890	4480	3820	4330	2540	3380	3150
20	1040	1530	1710	1990	2960	3920	4510	3780	4320	2490	3210	3240
21	1050	1530	1710	2010	3020	3940	4550	3730	4310	2450	3190	3300
22	1060	1530	1710	2030	3070	3950	4620	3660	4310	2400	3110	3360
23	1080	1540	1710	2060	3130	3960	4690	3590	4330	2350	3010	3420
24	1090	1530	1700	2090	3190	3970	4720	3570	4380	2320	2920	3500
25	1110	1530	1690	2110	3250	3970	4730	3630	4460	2300	2890	3560
26	1130	1530	1680	2140	3310	3970	4740	3750	4530	2320	2800	3640
27	1140	1520	1670	2170	3390	3980	4740	3900	4590	2380	2690	3700
28	1150	1520	1670	2190	3460	4000	4760	4060	4610	2460	2620	3770
29	1160	1510	1680	2210		4010	4760	4200	4620	2570	2570	3800
30	1160	1510	1690	2220		4020	4720	4280	4630	2680	2520	3850
31	1170		1700	2240		4040		4350		2820	2480	
MAX	1170	1540	1710	2240	3460	4040	4760	4660	4650	4520	3740	3850
MIN	886	1170	1500	1710	2260	3520	4050	3570	4310	2300	2480	2300
#			4193.81									
##	+292	+340	+190	+540	+1220	+580	+680	-370	+280	-1810	-340	+1370
CAL	YR 2002	MAX 4360	MIN 243	## -190								

WTR YR 2002 MAX 4360 MIN 243 ## -190 WTR YR 2003 MAX 4760 MIN 886 ## +2970

[#] Elevation, in feet above NGVD 1929, at end of month.

^{##} Change in contents, in acre-feet.

10301742 CANAL NO 2 ABOVE LITTLE DAM NEAR SCHURZ, NV

LOCATION.--Lat $39^{\circ}00'51''$, long $118^{\circ}51'36''$, in SE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.04, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on right bank, about 2 mi downstream from Weber Dam, and about 5 mi northwest of Schurz.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1995 to June 1996, November 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,160 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by control gate on Walker River and many diversions above station. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 89 ft³/ s, April 26, 1997; no flow many days, most years.

		DISC	HARGE, C	UBIC FEET P		WATER Y Y MEAN V	YEAR OCTOBER :	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	0.00	0.00	0.00	0.00	0.00	0.05	19	10	25	0.00	32
2	23	0.00	0.00	0.00	0.00	0.00	0.03	19	16	57	0.00	35
3	26	0.00	0.00	0.00	0.00	0.00	0.03	19	30	56	0.03	33
4	28	0.00	0.00	0.00	0.00	0.00	0.03	19	29	50	0.20	33
5	28	0.00	0.00	0.00	0.00	0.02	0.04	19	30	36	0.15	33
6	29	0.00	0.00	0.00	0.00	0.00	0.03	19	32	35	0.24	28
7	29	0.00	0.00	0.00	0.00	0.00	0.04	20	32	35	0.05	25
8	3 0	0.00	0.00	0.00	0.00	0.00	0.04	20	32	35	0.00	25
9	3 0	0.00	0.00	0.00	0.00	0.00	0.05	23	33	34	0.00	e22
10	31	0.00	0.00	0.00	0.00	0.00	0.06	24	33	28	0.00	e11
11	32	0.00	0.00	0.00	0.00	0.00	0.07	24	34	24	0.00	e0.33
12	32	0.00	0.00	0.00	0.00	0.00	0.12	26	35	23	0.00	e0.12
13	32	0.00	0.00	0.00	0.00	0.00	0.14	27	35	16	0.04	e0.02
14	32	0.00	0.00	0.00	0.00	0.00	0.13	29	35	18	0.01	e0.00
15	32	0.00	0.00	0.00	0.00	0.00	0.12	20	36	24	0.00	e0.01
16	34	0.00	0.00	0.00	0.00	0.00	0.10	18	36	27	0.00	e0.03
17	37	0.00	0.00	0.00	0.00	0.00	0.10	23	36	29	0.00	e0.00
18	16	0.00	0.00	0.00	0.00	0.00	0.10	25	35	3 0	21	e0.00
19	9.7	0.00	0.00	0.00	0.00	0.00	0.10	28	41	29	3 8	e0.01
20	2.9	0.00	0.00	0.00	0.00	0.00	0.10	28	43	39	3 9	e0.07
21	0.00	0.00	0.00	0.00	0.00	0.00	0.10	27	39	39	39	e0.19
22	0.00	0.00	0.00	0.00	0.00	0.00	0.10	27	33	37	38	e0.20
23	0.00	0.00	0.00	0.00	0.00	0.00	0.11	27	32	43	38	e0.18
24	0.00	0.00	0.00	0.00	0.00	0.00	0.10	26	15	3 9	38	e0.14
25	0.00	0.00	0.00	0.00	0.00	0.01	0.10	20	3.8	3 0	38	e0.14
26	0.00	0.00	0.00	0.00	0.00	0.03	0.10	19	0.01	28	38	e0.10
27	0.00	0.00	0.00	0.00	0.00	0.03	0.09	21	0.00	3.3	38	e0.09
28	0.00	0.00	0.00	0.00	0.00	0.03	0.08	23	0.00	0.46	36	e0.10
29	0.00	0.00	0.00	0.00		0.04	0.08	27	0.00	0.00	32	e0.11
30	0.00	0.00	0.00	0.00		0.04	11	28	0.00	0.00	32	0.22
31	0.00		0.00	0.00		0.05		28		0.00	31	
TOTAL	535.60	0.00	0.00	0.00	0.00	0.25	13.34	722	765.81	869.76	496.72	279.06
MEAN	17.3	0.000	0.000	0.000	0.000	0.008	0.44	23.3	25.5	28.1	16.0	9.30
MAX	3 7	0.00	0.00	0.00	0.00	0.05	11	29	43	57	39	3 5
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.03	18	0.00	0.00	0.00	0.00
AC-FT	1060	0.00	0.00	0.00	0.00	0.5	26	1430	1520	1730	985	554
STATIS	TICS OF M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1995	5 - 2003	3, BY WATER	YEAR (W	<i>(</i>)			
MEAN	15.5	1.15	0.19	0.036	0.033	0.031	12.6	35.0	31.1	33.3	28.6	23.8
MAX	20.6	3.40	0.63	0.13	0.17	0.13	30.7	47.1	45.7	52.7	54.3	45.9
(WY)	2000	1998	2000	2000	2000	2000	1996	1999	1999	1998	1998	1998
MIN	7.35	0.000	0.000	0.000	0.000	0.000	0.44	23.3	20.2	14.3	6.79	0.85
(WY)	2001	2002	1996	1996	2001	2001	2003	2003	2002	2001	2001	2002
SUMMAR	Y STATIST	CICS	FOR	2 2002 CALE	NDAR YEAR		FOR 2003 WA	TER YEA	R	WATER YE	ARS 1995	- 2003
ANNUAL	TOTAL			2877.6	0		3682.54	į				
ANNUAL				7.8	8		10.1			13.		
	T ANNUAL									21.		1998
	ANNUAL M									7.		2002
	T DAILY M			42	May 9		57	Jul		89		6 1997
	DAILY ME			0.0			0.00			0.		2 1995
		Y MINIMUM		0.0	0 Jan 17		0.00	Oct 2	L	0.	UU NOV 2	2 1995
	RUNOFF (5710 30			7300			9690		
	CENT EXCE			0.0	0		34 0.03			43	29	
	CENT EXCE			0.0			0.03			0.		
20 EEF	CDMI DACE	100		0.0	•		0.00			0.	0.0	

e Estimated

10301755 CANAL NO 1 BELOW LITTLE DAM NEAR SCHURZ, NV

 $LOCATION.--Lat\ 39^{\circ}00'45", long\ 118^{\circ}51'37", in\ SE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.04, T.13\ N., R.28\ E., Mineral\ County, Hydrologic\ Unit\ 16050303, on\ left\ bank, about\ 2\ mi\ downstream\ from\ Weber\ Dam, and\ about\ 5\ mi\ northwest\ of\ Schurz.$

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1995 to June 1996, November 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,160 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for daily discharges below 0.10 cfs, which are poor. Flow regulated by control gate on Walker River. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 55 ft³/ s, July 15, 1998, no flow many days, most years.

		DIS	CHARGE, C	JBIC FEET P	ER SECOND,	WATER YE MEAN V	EAR OCTOBE	R 2002 TO		•	.)	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.10	e0.03	0.01	0.00	0.01	0.00	0.03	26	13	8.7	0.03	20
2	0.05	e0.03	0.01	0.00	0.01	0.00	0.02	27	24	19	0.03	14
3	0.04	e0.03	0.02	0.00	0.01	0.00	0.02	28	28	19	0.03	7.5
4	0.07	e0.03	0.02	0.00	0.01	0.00	0.02	28	28	26	0.03	5.2
5	0.06	e0.03	0.03	0.01	0.00	0.00	0.02	28	28	31	0.03	0.24
6 7	0.05	e0.03 0.02	0.03	0.02	0.00	0.00	0.03	29 30	28 28	31 31	0.04	0.13
8	0.05	0.02	0.03	0.03	0.00	0.01	0.02	28	28	31	0.01	0.11
9	0.05	0.02	0.02	0.03	0.00	0.01	0.02	22	28	32	0.00	0.11
10	0.06	0.06	0.03	0.03	0.00	0.01	0.02	21	28	35	0.00	0.15
11	0.09	0.07	0.03	0.03	0.00	0.02	0.02	21	27	40	0.00	0.16
12	0.09	0.06	0.03	0.03	0.00	0.02	0.01	20	27	41	0.00	0.21
13	0.09	0.06	0.03	0.03	0.00	0.02	0.01	13	28	45	0.00	0.20
14 15	0.09	0.07	0.02	0.03	0.00	0.03	0.03	7.8	28	42 29	0.00	0.19
	0.09	0.07	0.00	0.03	0.00	0.02	0.04	5.3	28		0.00	0.20
16	0.09	0.06	0.00	0.01	0.00	0.01	0.04	4.5	29	28	0.00	0.23
17	0.09	0.06	0.00	0.01	0.00	0.01	0.03	0.17	27	20	0.00	0.06
18	0.07	0.07	0.00	0.01	0.00	0.01	0.03	0.10	21	15	20	0.05
19	0.05	0.06	0.00	0.01	0.00	0.00	0.03	0.09	13	12	3 9 4 0	0.04
20	0.06	0.04	0.00	0.01	0.00	0.00	0.03	0.07	7.9	0.13		0.03
21	0.11	0.03	0.00	0.01	0.00	0.01	0.02	0.06	9.9	0.07	4 0	0.03
22	0.09	0.03	0.00	0.01	0.00	0.00	0.01	0.05	6.2	0.02	4 0	0.04
23	0.06	0.03	0.00	0.01	0.00	0.00	0.01	0.04	0.27	0.02	40	0.05
24 25	0.06	0.03	0.00	0.01	0.00	0.00	11 18	0.05	0.20	0.05	41 41	0.03
26	0.05	0.02	0.00	0.01	0.00	0.00	19	0.04	0.19	0.09	42	0.02
27	0.05	e0.03	0.00	0.01	0.00	0.01	20	0.03	0.19	0.04	43	0.02
28	0.05	e0.03	0.00	0.01	0.00	0.01	21	0.02	0.19	0.02	3 9	0.02
29 30	0.05	e0.03 0.01	0.00	0.01		0.01	20 22	0.03	0.19	0.01	31 31	0.02
31	e0.05 e0.05		0.00	0.01		0.02		0.02	0.19	0.01	23	
TOTAL	2.07	1.20	0.34	0.46	0.04	0.27	131.54	339.44	514.61	536.26	510.24	49.19
MEAN	0.067	0.040	0.011	0.015	0.001	0.009	4.38	10.9	17.2	17.3	16.5	1.64
MAX	0.11	0.07	0.03	0.03	0.01	0.03	22	3 0	29	45	43	20
MIN	0.04	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.19	0.01	0.00	0.02
AC-FT	4.1	2.4	0.7	0.9	0.08	0.5	261	673	1020	1060	1010	98
STATIS	TICS OF M	ONTHLY ME	AN DATA	FOR WATER	YEARS 1995	- 2003	, BY WATE	R YEAR (W	Y)			
MEAN	5.62	0.24	0.77	0.29	0.004	0.008	8.16	21.0	19.2	22.0	18.5	14.1
MAX	8.31	1.40	5.81	2.26	0.013	0.022	15.1	32.4	29.3	33.7	30.9	25.5
(WY)	2000	2000	1997	1997	2000	2000	1996	1997	1996	1998	1998	1997
MIN	0.067	0.004	0.000	0.000	0.000	0.000	1.87	10.9	9.37	10.6	4.22	1.64
(WY)	2003	2002	1996	2001	1997	1997	2002	2003	2002	2002	2001	2003
SUMMAR	Y STATIST	rics	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER YEA	R	WATER YE	ARS 1995 -	2003
ANNUAL				1851.0			2085.					
ANNUAL				5.0	7		5.	71		7.		
	T ANNUAL									11.		1999
	ANNUAL N T DAILY N			37	Ma 22		45	Jul 1	2	5. 55	71 Jul 15	2003
	DAILY ME			0.0	May 29 0 Jan 1		45			0.		
		AY MINIMUM	ī	0.0			0.				00 Nov 21	
	RUNOFF		-	3670			4140		-	5770	., 21	
	CENT EXCE			23			28			30		
	CENT EXCE			0.0	3		0.	03			05	
	CENT EXC			0.0	0		0.	0 0		0.		

e Estimated

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV

LOCATION.--Lat 38°56′25″, long 118°48′10″, in SE $^1/_4$ SW $^1/_4$ sec.36, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on left bank, 0.4 mi east of U.S. Highway 95 and U.S. Alternate Highway 95 Junction, and 0.9 mi southeast of U.S. Highway 95 Highway Bridge in Schurz

DRAINAGE AREA .-- Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,140 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except flows below 2.0 ft³/ s and estimated daily discharges, which are poor. Diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500), Topaz Lake (station 10297000), and Weber Reservoir (station 10301700), combined capacity, 112,600 acre-ft. See schematic diagram of Walker Lake Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 2,400 ft³/ s, January 9, 1997, gage height, 7.39 ft, maximum gage height, 7.82 ft, July 16, 1995; no flow many days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 22 ft³/s, December 31, gage height, 3.21 ft; no flow, most of the year.

		DIS	CHARGE, C	UBIC FEET I	PER SECOND, DAILY	WATER Y		2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	1.9	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	2.7	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	2.9	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	1.8	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.09	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	9.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	1.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	1.9	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19 20	0.00	0.00	3.5 7.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	7.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	e19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	e19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	e20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	e20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.01	19	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.93	18	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		19	0.00		0.00		0.00		0.00	0.00	
TOTAL	0.00	0.94	225.49	220.60	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00
MEAN	0.000	0.031	7.27	7.12	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000
MAX	0.00	0.93	20	18	0.00	0.00	1.9	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	1.9	447	438	0.00	0.00	3.8	0.00	0.00	0.00	0.00	0.00
STATIST	TICS OF M	ONTHLY M	EAN DATA	FOR WATER	YEARS 1995	- 2003	, BY WATER	YEAR (WY)			
MEAN	24.2	67.3	85.9	238	214	150	95.9	368	491	270	61.0	19.3
MAX	74.5	220	198	1557	914	410	321	918	1206	1438	339	76.2
(WY)	1999	1999	1999	1997	1997	1996	1998	1997	1995	1995	1995	1998
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1995	1995	1995	1995	1995	1995	2002	2002	2002	2002	2001	2001
SUMMARY	Y STATIST	ICS	FOR	2002 CAL	ENDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEAR	RS 1995 -	2003
ANNUAL	TOTAL			368.	7 0		448.9	13				
ANNUAL	MEAN			1.0	1		1.2	:3		174		
HIGHEST	T ANNUAL I	MEAN								431		1997
LOWEST	ANNUAL M	EAN								0.39		2002
	T DAILY M			31			20			2300		
	DAILY ME				00 Jan 1			0 Oct 1			0 Oct 1	
	SEVEN-DA		M	0.0	00 Jan 1			0 Oct 1			0 Oct 1	
	M PEAK FL						22			2400		
	M PEAK ST			E 2.5				1 Dec 31			2 Jul 16	1995
	RUNOFF (731	7		890	.0		125800		
	CENT EXCE			1.7			0.0			578		
	CENT EXCE: CENT EXCE:			0.0			0.0			35 0.00	1	
JU PER	CDNI DACE.	פעם		0.0	, ,		0.0			0.00	,	

e Estimated

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November and December 1993, May to June 1996, November 1996 to current year.

PERIOD OF DAILY RECORD.-

SPECIFIC CONDUCTANCE: May 1995 to June 1996 (seasonal), November 1996 to current year.

WATER TEMPERATURE: May 1995 to June 1996 (seasonal), November 1996 to current year.

INSTRUMENTATION.--Specific conductance and water temperature monitor May 1995 to June 1996, November 1996 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C. Interruptions in record due to partial or no flow during the day.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum, 931 microsiemens/cm at 25°C, October 17, 2000; minimum daily, 143 microsiemens/cm at 25°C, May 12, 1998.

WATER TEMPERATURE: Maximum recorded, 33.0°C, July 21, 2000; minimum daily, freezing point many days during winter months of most years.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum recorded, 644 microsiemens/cm at 25°C, April 17; minimum, 510 microsiemens/cm at 25°C, December 28.

WATER TEMPERATURE: Maximum recorded, 16.0°C, April 17; minimum daily, freezing point many days in November and December.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN OCTOBER NOVEMBER DECEMBER JANUARY 532 524 527 2 ------------------- - -------529 524 526 - - -- - -_ _ _ ---_ _ _ ------- - -3 ---533 523 526 - - ----- - -- - -- - -- - -527 ---531 524 4 5 532 527 524 6 - - -- - ----532 524 527 ---7 ---532 526 528 _ _ _ ------- - -8 532 526 528 523 528 525 - - -- - -- - ----- - -- - -10 526 11 - - -- - ----- - -------- - -- - -- - -528 522 524 - - ----- - ----- - -- - -- - -- - -12 530 521 524 13 532 522 525 14 ---535 523 15 ---------------------------549 533 542 16 - - -- - -- - -- - -17 ---- - -------- - -------------18 - - -19 ------------------600 556 579 ---------20 ------556 537 544 21 538 523 531 22 ---- - -------------526 517 521 ---------23 - - -- - -- - ----- - -523 514 518 ------2.4 - - -- - ----- - -------- - -516 - - -------- - -- - -------25 523 529 517 524 27 _ _ _ _ _ _ ---_ _ _ ------520 511 515 ___ ---_ _ _ 2.8 - - -- - -------------526 510 519 ------- - -- - ----------- - ----530 521 525 ---29 _ _ _ - - ----527 523 525 30 522 31 531 525 MONTH ------------------- - -- - -------------

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
2												
3												
4												
5												
6												
7												
8												
9 10												
10												
11												
12												
13 14												
15												
16												
17							644	589	603			
18 19												
20												
21												
22 23												
24												
25												
26 27												
28												
29												
3 0												
31												
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	
DAY 1	MAX 		MEAN	MAX		MEAN			MEAN	MAX		
		JUNE			JULY			AUGUST			SEPTEMBE	IR.
1 2 3		JUNE 			JULY 			AUGUST			SEPTEMBE	ER
1 2 3 4		JUNE 			JULY 			AUGUST			SEPTEMBE 	ER
1 2 3		JUNE 			JULY 			AUGUST			SEPTEMBE	ER
1 2 3 4		JUNE 			JULY 			AUGUST			SEPTEMBE 	ER
1 2 3 4 5		JUNE		 	JULY			AUGUST		222 222 222 222	SEPTEMBE	
1 2 3 4 5		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5		JUNE		 	JULY			AUGUST		222 222 222 222	SEPTEMBE	
1 2 3 4 5 6 7 8 9		JUNE			JULY		 	AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		JUNE			JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		JUNE			JULY			AUGUST			SEPTEMBE	2R
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		JUNE			JULY			AUGUST			SEPTEMBE	2R

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		D	ECEMBER			JANUARY	
1							2.0	0.0	0.5	2.5	0.5	1.5
2							2.0	0.0	0.5	2.5	1.0	2.0
3							2.0	0.0	0.5	4.0	2.0	2.5
4 5							2.0	0.0	0.5	5.0	2.5	3.5
5										5.5	2.5	3.5
6										4.0	1.5	2.5
7										3.0	0.5	1.5
8										2.5	0.5	1.5
9										4.5	2.0	3.0
10										4.5	3.5	4.0
11										4.5	2.5	4.0
12										6.5	3.5	5.0
13										6.5	4.0	5.0
14										6.0	3.5	4.5
15										6.5	2.0	3.5
16												
17												
18												
19							0.5	0.0	0.0			
20							1.0	0.0	0.0			
21							1.5	0.0	0.5			
22							2.0	0.5	1.0			
23							2.5	0.5	1.0			
24							1.0	0.0	0.0			
25							0.5	0.0	0.0			
0.6							0.0	0 0	0 0			
26 27							0.0	0.0	0.0			
28							3.5	0.5	2.0			
29							4.0	1.5	2.5			
3 0				1.0	0.0	0.5	2.5	1.0	1.5			
31							4.0	2.0	2.5			
MONTH												
MONIH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY				MAX		MEAN	MAX		MEAN	MAX		MEAN
DAY		MIN FEBRUARY		MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY	MEAN
				MAX		MEAN	MAX 		MEAN	MAX		MEAN
DAY 1 2		FEBRUARY			MARCH			APRIL			MAY	
1		FEBRUARY			MARCH			APRIL			MAY 	
1 2 3 4		FEBRUARY 		 	MARCH		 	APRIL			MAY 	
1 2 3		FEBRUARY 	 	 	MARCH			APRIL		 	MAY 	
1 2 3 4 5		FEBRUARY 		 	MARCH		 	APRIL			MAY 	
1 2 3 4		FEBRUARY 		 	MARCH		 	APRIL			MAY	
1 2 3 4 5		FEBRUARY 		 	MARCH		 	APRIL			MAY	
1 2 3 4 5 6 7 8 9		FEBRUARY			MARCH		 	APRIL			MAY	
1 2 3 4 5		FEBRUARY			MARCH		==== ==== ====	APRIL			MAY	
1 2 3 4 5 6 7 8 9		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9		FEBRUARY			MARCH		 	APRIL			MAY	
1 2 3 4 5 6 7 8 9 10		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH			APRIL	12.5		MAY	
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		FEBRUARY			MARCH		16.0	APRIL	12.5		MAY	

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY		A	UGUST		S	EPTEMBE	R
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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16												
17												
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19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
3 0												
31												
MONTH												
.1014111												

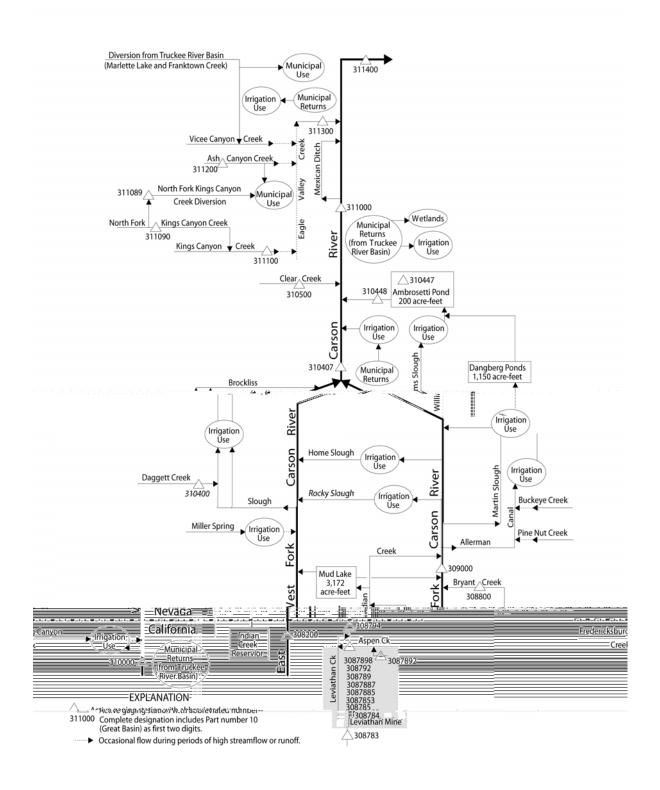


Figure 23. Schematic diagram of flow system and gaging stations in the Carson River basin upstream of station 311400.

10308200 EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK, NEAR MARKLEEVILLE, CA

 $LOCATION.--Lat~38^{\circ}42'50", long~119^{\circ}45'50", in~SW~^{1}/_{4}~NE~^{1}/_{4}~sec.15, T.10~N., R.20~E., Alpine~County, Hydrologic~Unit~16050201, on~right~bank,\\ 0.5~mi~downstream~from~Markleeville~Creek,~1.5~mi~northeast~of~Markleeville,~and~at~mi~114.75~upstream~from~Lahontan~Dam.$

DRAINAGE AREA.--276 mi².

PERIOD OF RECORD .-- August 1960 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,400 ft above NGVD of 1929, from topographic map. Prior to October 1, 1967, at present site at datum 2.00 ft higher.

REMARKS.--No estimated daily discharges. Records fair. A few small diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,900 ft³/s, January 2, 1997, gage height, 11.78 ft; minimum daily, 12 ft³/s, September 10-13, 23, 1997.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*)

				Discharge	Gage height			Discl	ge height			
		Date May 29	Time 2215	(ft ³ / s) *3110	(ft) *5.60		Date No othe	Time (ft ³ / er peaks greater th		(ft) charge.		
		DISCH	ARGE, C	UBIC FEET P		WATER Y		ER 2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	38	66	95	300	108	479	286	2030	361	182	67
2	52	37	65	111	263	99	398	286	2000	337	167	63
3	46	43	63	119	213	107	349	289	1950	323	137	65
4	45	43	66	126	205	110	321	305	1980	310	114	87
5	45	4 0	65	133	180	105	292	290	1820	291	100	73
6	43	41	68	123	166	111	281	315	1730	275	95	73
7	41	52	64	113	171	111	271	329	1690	259	96	72
8	4 0	368	58	118	145	115	310	342	1650	244	90	71
9	3 9	364	69	121	153	124	368	323	1660	230	84	67
10	38	150	67	124	152	136	412	321	1500	219	75	68
11	38	112	61	120	148	157	458	362	1380	210	70	63
12	3 8	104	62	118	139	178	504	464	1230	198	67	60
13	3 9	115	68	122	143	227	481	678	1130	188	73	58
14	3 9	109	93	119	139	269	430	857	1070	183	81	57
15	4 0	105	75	110	134	359	402	846	1050	168	79	56
16	40	86	51	109	139	253	381	994	1030	160	83	52
17	4 0	81	82	113	126	217	380	999	1020	151	93	50
18	4 0	77	68	115	121	195	371	1020	939	143	94	54
19	3 9	79	65	119	126	183	349	1020	843	155	96	57
20	39	84	84	125	123	189	358	1100	751	146	95	56
21	4 0	82	105	130	116	189	342	1380	672	145	112	55
22	40	85	104	140	120	228	318	1670	599	150	136	56
23	41	82	105	209	118	283	303	1800	545	162	98	56
24	41	76	122	242	122	285	336	1910	497	165	88	55
25	43	79	119	216	121	284	337	1920	461	136	79	54
26	43	65	119	227	111	452	320	1810	443	131	81	53
27	43	61	114	287	113	483	317	1990	436	126	78	52
28	44	61	122	303	107	368	317	2270	436	153	74	51
29	43	64	104	255		332	298	2410	422	169	73	48
30 31	43 41	67	101 100	246 262		354 433	279	2480 2190	399	137 140	72 63	46
31	41		100	262		433		2190		140	63	
TOTAL	1284	2850	2575	4870	4214	7044	10762	33256	33363	6165	2925	1795
MEAN	41.4	95.0	83.1	157	150	227	359	1073	1112	199	94.4	59.8
MAX	52	368	122	303	300	483	504	2480	2030	361	182	87
MIN	38	37	51	95	107	99	271	286	399	126	63	46
AC-FT	2550	5650	5110	9660	8360	13970	21350	65960	66180	12230	5800	3560
STATIST	rics of Mo	ONTHLY MEAI	N DATA	FOR WATER	YEARS 1960	- 2003	3, BY WATE	ER YEAR (WY)			
MEAN	78.8	108	131	194	205	284	547	1130	991	390	143	87.5
MAX	346	476	718	1722	917	983	1121	2447	2996	1721	477	239
(WY)	1983	1984	1965	1997	1986	1986	1982	1969	1983	1995	1983	1983
MIN	24.0	32.6	41.4	44.2	43.9	58.7	183	197	135	58.0	33.0	18.0
(WY)	1978	1977	1991	1977	1991	1977	1977	1977	1992	1977	1977	1987
SUMMARY	/ STATISTI	CS	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER YEAR	!	WATER YEARS	3 1960 -	2003
ANNUAL				92277			111103					
ANNUAL	MEAN			253			304			358		
	ANNUAL ME									809 83.7		1983 1977
	DAILY ME			1460	May 18		2480	May 30		12500	Jan 2	
LOWEST	DAILY MEA	AN		35	Sep 28		37			12	Sep 10	1987
	SEVEN-DAY			38	Sep 24		3 9			12	Sep 7	
	M PEAK FLO						3110	-		18900	Jan 2	
	M PEAK STA							.60 May 29			Jan 2	1997
	RUNOFF (A			183000			220400			259200		
	CENT EXCE			771			844			959		
	CENT EXCE			103			125			143		
90 PERC	CENT EXCEE	מחק		43			46			51		

10308783 LEVIATHAN CREEK ABOVE LEVIATHAN MINE NEAR MARKLEEVILLE, CA

 $LOCATION.\\-Lat~38^{\circ}42'05", long~119^{\circ}39'20", in~SW~^{1}/_{4}~NE~^{1}/_{4}~sec.22,~T.10~N.,~R.21~E.,~Alpine~County,~Hydrologic~Unit~16050201, on~right~bank,~2~mi~north~of~Highway~89,~and~6.5~mi~east~of~Markleeville.$

DRAINAGE AREA.—4.16 mi².

PERIOD OF RECORD.—October 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 7,200 ft above NGVD of 1929, from topographic map.

REMARKS.—Records fair except those below 0.2 ft³/s and estimated values, which are poor. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 21 ft³/s, May 7, 1999, gage height, 4.40 ft, maximum gage height, 4.67 ft, January 7, 2001, backwater from ice; minimum daily, 0.02 ft³/s, several days in 2001 and 2002.

EXTREMES FOR CURRENT YEAR.—Peak discharges above base discharge of 10 ft³/s or maximum:

EXTRE	MES FOR	CURRENT	EAR.—	-	ges above base	e dischar	ge of 10 ft ³ /					
				Discharge	Gage height			Disc	charge Gag	ge height		
		Date	Time	(ft^3/s)	(ft)		Date	Time (ft ³ /	′ s)	(ft)		
		Apr 25	0700	*6.0	*4.17				-/	()		
		71pi 23	0700	0.0	4.17							
		DISC	CHARGE,	CUBIC FEET	PER SECOND, DAIL	WATER Y Y MEAN V		ER 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.08	0.13	0.06	0.12	0.21	0.15	1.8	1.0	0.55	0.16	0.09	0.05
2	0.08	0.15	0.04	0.09	0.20	0.16	1.4	1.1	0.57	0.17	0.09	0.04
3	0.08	0.13	0.06	0.07	0.19	0.15	1.2	1.4	0.50	0.18	0.06	0.06
4	0.08	0.11	0.07	0.06	0.18	0.16	0.99	1.4	0.48	0.16	0.05	0.17
5	0.08	0.10	0.05	0.06	0.18	0.17	0.77	1.1	0.47	0.14	0.04	0.14
6	0.08	0.10	0.06	0.06	0.18	0.16	0.63	1.5	0.47	0.14	0.04	0.06
7	0.08	0.11	0.05	0.07	0.17	0.16	0.62	1.8	0.40	0.13	0.04	0.06
8	0.09	0.38	e0.05	0.06	0.17	0.18	0.92	1.6	0.39	0.13	0.03	0.05
9	0.09	0.18	e0.05	0.07	0.17	0.17	1.4	1.5	0.37	0.13	0.03	0.05
10	0.10	0.11	0.04	0.08	0.17	0.18	2.1	1.4	0.35	0.12	0.03	0.07
11	0.10	0.10	e0.04	0.08	0.16	0.22	2.3	1.7	0.33	0.11	0.03	0.05
12	0.10	0.10	0.06	0.08	0.13	0.23	2.5	1.6	0.31	0.11	0.03	0.05
13	0.10	0.09	0.04	0.09	0.14	0.30	1.5	1.9	0.32	0.10	0.03	0.05
14	0.09	0.08	0.06	0.09	0.14	0.36	1.5	2.0	0.29	0.08	0.03	0.05
15	0.10	0.08	0.05	0.09	0.14	0.35	1.3	1.8	0.27	0.08	0.03	0.04
16	0.11	0.09	0.06	0.09	0.14	0.29	1.1	1.8	0.25	0.08	0.03	0.04
17	0.11	0.09	0.06	0.10	0.14	0.30	1.2	1.6	0.25	0.08	0.03	0.04
18	0.10	0.09	0.06	0.10	0.14	0.29	1.3	1.5	0.26	0.08	0.03	0.05
19	0.10	0.09	0.06	0.11	0.14	0.27	1.8	1.4	0.26	0.09	0.03	0.05
20	0.10	0.08	0.07	0.12	0.14	0.29	1.6	1.2	0.23	0.09	0.03	0.05
21	0.10	0.07	0.08	0.12	0.14	0.32	1.5	1.4	0.23	0.11	0.31	0.05
22	0.10	0.08	0.08	0.13	0.15	0.41	1.2	1.4	0.21	0.08	0.09	0.04
23	0.11	0.09	0.08	0.15	0.15	0.57	1.4	1.3	0.24	0.07	0.06	0.04
24	0.12	0.07	0.09	0.16	0.15	0.69	1.8	1.1	0.25	0.08	0.06	0.04
25	0.13	e0.05	0.09	0.16	0.15	0.88	1.9	1.1	0.24	0.08	0.05	0.04
26	0.12	e0.06	0.09	0.18	0.15	1.4	1.3	1.0	0.25	0.08	e0.06	0.05
27	0.13	e0.07	0.10	0.19	0.15	1.2	1.1	0.89	0.22	0.07	e0.07	0.06
28	0.14	e0.08	0.10	0.19	0.15	1.2	1.1	0.72	0.18	0.08	0.06	0.06
29	0.13	e0.08	0.10	0.18		1.1	1.2	0.65	0.18	0.07	0.05	0.06
30	0.13	e0.07	0.10	0.18		1.3	1.3	0.72	0.17	0.06	0.04	0.06
31	0.11		0.12	0.19		1.8		0.56		0.06	0.05	
TOTAL	3.17	3.11	2.12	3.52	4.42	15.41	41.73	41.14	9.49	3.20	1.70	1.72
MEAN	0.10	0.10	0.068	0.11	0.16	0.50	1.39	1.33	0.32	0.10	0.055	0.057
MAX	0.14	0.38	0.12	0.19	0.21	1.8	2.5	2.0	0.57	0.18	0.31	0.17
MIN	0.08	0.05	0.04	0.06	0.13	0.15	0.62	0.56	0.17	0.06	0.03	0.04
AC-FT	6.3	6.2	4.2	7.0	8.8	31	83	82	19	6.3	3.4	3.4
										0.5	3.1	3.1
STATIST					YEARS 1999		•					
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0.081	0.12	0.13	0.17	0.16	0.46	1.38	1.66	0.30	0.095	0.056	0.064
MAX	0.11	0.20	0.24	0.27	0.29	0.83	2.56	6.17	0.80	0.19	0.10	0.11
(WY)	2000	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	0.042	0.091	0.068	0.088	0.080	0.29	0.47	0.18	0.079	0.048	0.029	0.031
		'ICS	FOR		NDAR YEAR					WATER YEAR	RS 1999 -	2003
ANNUAL				88.1	8 4		130.			^ ^	4	
ANNUAL		MEAN		0.24	4		0.	3 6		0.24	±	2002
	r Annual Annual M									0.30	± 6 3	2003
				3 4	Anr 14		2	5 Anr 12		15	Matr 7	7 1999
LOWEST	DATLY ME	EAN AN		0.0	3 Jul 31		0.1	03 Aug 8		0.0:	2 Aug 17	7 2001
ANNUAL	SEVEN-DA	Y MINIMUM		0.04	Apr 14 3 Jul 31 4 Aug 13		0 - 1	03 Aug 8				
MAXIMUN	M PEAK FL	OW			. 5 ==		6.	5 Apr 12 03 Aug 8 03 Aug 8 0 Apr 25 17 Apr 25		21 4.6	May 7	7 1999
MAXIMUN	M PEAK ST	'AGE					4.	17 Apr 25		4.6	7 Jan 7	7 2001
ANNUAL	RUNOFF (AC-FT)		175			259	3		174		
10 PERC	CENT EXCE	EDS		0.4			1.3			0.5		
	CENT EXCE			0.1				12		0.1		
90 PERC	CENT EXCE	EDS		0.0	5		0.	05		0.0	1	

e Estimated

10308784 LEVIATHAN MINE ADIT DRAIN NEAR MARKLEEVILLE, CA

 $LOCATION. — Lat~38^{\circ}42'15", long~119^{\circ}39'28", in~NW~^{1}/_{4}~NE~^{1}/_{4}~sec. 22, T.10~N., R.21~E., Alpine~County, Hydrologic~Unit~16050201, 2.2~mi~north~of~State~Highway~89, and 6.5~mi~southeast~of~Markleeville.$

PERIOD OF RECORD.—November 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 7,100 ft above NGVD of 1929, from topographic map.

REMARKS.—Records excellent. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 0.09 ft³/s, May 15–18, 1999; minimum daily, 0.0219 ft³/s, February 19 and 20, 2002.

EXTREMES FOR CURRENT YEAR.—Maximum daily discharge, 0.0394 ft³/s, May 18; minimum daily, 0.0263 ft³/s, November 17.

		I	DISCHARGE,	CUBIC FEET		ID, WATER		ER 2002 TO	SEPTEMBER	2 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0284	0.0284	0.0286	0.0292	0.0307	0.0290	0.0312	0.0363	0.0374	0.0319	0.0288	e0.0276
2	0.0281	0.0277	0.0288	0.0284	0.0312	0.0289	0.0323	0.0369	0.0374	0.0314	0.0289	e0.0276
3	0.0278	0.0280	0.0283	0.0283	0.0310	0.0295	0.0322	0.0369	0.0376	0.0313	0.0284	e0.0276
4	0.0279	0.0274	0.0283	0.0283	0.0311	0.0285	0.0327	0.0371	0.0370	0.0310	0.0281	e0.0286
5	0.0276	0.0273	0.0283	0.0292	0.0312	0.0284	0.0325	0.0376	0.0373	0.0312	0.0281	e0.0286
6	0.0273	0.0273	0.0284	0.0294	0.0304	0.0280	0.0324	0.0380	0.0368	0.0310	0.0285	e0.0286
7	0.0275	0.0275	0.0282	0.0296	0.0309	0.0286	0.0320	0.0382	0.0369	0.0308	0.0279	e0.0296
8	0.0276	0.0283	0.0285	0.0294	0.0304	0.0283	0.0321	0.0393	0.0366	0.0307	0.0278	e0.0296
9	0.0273	0.0274	0.0286	0.0289	0.0303	0.0280	0.0320	0.0393	0.0363	0.0300	0.0279	e0.0300
10	0.0272	0.0274	0.0285	0.0292	0.0301	0.0280	0.0326	0.0390	0.0362	0.0301	0.0274	0.0305
11	0.0273	0.0270	0.0284	0.0289	0.0302	0.0284	0.0325	0.0392	0.0362	0.0302	0.0276	0.0305
12	0.0278	0.0269	0.0281	0.0285	0.0302	0.0282	0.0330	0.0386	0.0362	0.0300	0.0273	0.0301
13	0.0276	0.0268	0.0283	0.0294	0.0295	0.0282	0.0338	0.0384	0.0360	0.0300	0.0275	0.0303
14	0.0274	0.0267	0.0286	0.0295	0.0300	0.0286	0.0344	0.0392	0.0354	0.0300	0.0268	0.0302
15	0.0277	0.0270	0.0286	0.0294	0.0296	0.0293	0.0341	0.0390	0.0356	0.0299	0.0270	0.0302
16	0.0279	0.0266	0.0289	0.0295	0.0295	0.0290	0.0346	0.0392	0.0346	0.0295	0.0271	0.0310
17	0.0276	0.0263	0.0285	0.0293	0.0304	0.0281	0.0344	0.0391	0.0343	0.0293	0.0272	0.0322
18	0.0274	0.0265	0.0281	0.0294	0.0298	0.0281	0.0349	0.0394	0.0344	0.0299	0.0267	0.0321
19	0.0276	0.0265	0.0287	0.0295	0.0298	0.0281	0.0350	0.0393	0.0343	0.0295	0.0269	0.0317
20	0.0275	0.0273	0.0284	0.0299	0.0295	0.0278	0.0356	0.0391	0.0331	0.0285	0.0270	0.0316
21	0.0281	0.0273	0.0285	0.0292	0.0298	0.0277	0.0358	0.0386	0.0335	0.0288	0.0272	0.0315
22	0.0278	0.0281	0.0286	0.0290	0.0296	0.0275	0.0354	0.0387	0.0335	0.0288	0.0274	0.0308
23	0.0278	0.0277	0.0286	0.0299	0.0299	0.0283	0.0352	0.0385	0.0339	0.0289	0.0266	0.0311
24	0.0280	0.0279	0.0288	0.0298	0.0294	0.0273	0.0355	0.0384	0.0333	0.0288	0.0268	0.0311
25	0.0276	0.0279	0.0286	0.0296	0.0295	0.0276	0.0360	0.0383	0.0327	0.0292	0.0264	0.0306
26	0.0280	0.0289	0.0281	0.0299	0.0298	0.0277	0.0359	0.0378	0.0326	0.0289	0.0265	0.0310
27	0.0277	0.0285	0.0284	0.0302	0.0299	0.0292	0.0360	0.0375	0.0318	0.0283	0.0266	0.0306
28	0.0277	0.0284	0.0289	0.0302	0.0293	0.0302	0.0361	0.0376	0.0322	0.0286	0.0264	0.0303
29	0.0275	0.0283	0.0290	0.0302		0.0304	0.0360	0.0378	0.0320	0.0283	0.0266	0.0308
30	0.0268	0.0282	0.0289	0.0297		0.0300	0.0363	0.0379	0.0317	0.0283	e0.0266	0.0302
31	0.0276		0.0286	0.0298		0.0307		0.0378		0.0282	e0.0266	
TOTAL	0.8571	0.8255	0.8841	0.9107	0.8430	0.8856	1.0225	1.1880	1.0468	0.9213	0.8466	0.9062
MEAN	0.028	0.028	0.029	0.029	0.030	0.029	0.034	0.038	0.035	0.030	0.027	0.030
MAX	0.0284	0.0289	0.0290	0.0302	0.0312	0.0307	0.0363	0.0394	0.0376	0.0319	0.0289	0.0322
MIN	0.0268	0.0263	0.0281	0.0283	0.0293	0.0273	0.0312	0.0363	0.0317	0.0282	0.0264	0.0276
AC-FT	1.7	1.6	1.8	1.8	1.7	1.8	2.0	2.4	2.1	1.8	1.7	1.8

e Estimated

10308785 LEVIATHAN MINE PIT DRAIN NEAR MARKLEEVILLE, CA

 $LOCATION.—Lat~38^\circ 42'15", long~119^\circ 39'28", in~NW~^1/_4~NE~^1/_4~sec. 22,~T.10~N.,~R.21~E.,~Alpine~County,~Hydrologic~Unit~16050201,~2.2~mi~north~of~Highway~89~and~6.5~mi~southeast~of~Markleeville.$

PERIOD OF RECORD.—February 2000 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 7,100 ft above NGVD of 1929, from topographic map.

REMARKS.—Records good. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 0.0111 ft³/s, May 14, 17, 2003; minimum daily, 0.0001 ft³/s, December 27, 2002.

EXTREMES FOR CURRENT YEAR.—Maximum daily discharge, 0.0111 ft³/s, May 14, 17; minimum daily, 0.0001 ft³/s, December 27.

		D:	ISCHARGE,	CUBIC FEET		, WATER LY MEAN	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0004	0.0004	0.0003	0.0002	0.0013	0.0010	0.0034	0.0101	0.0086	0.0027	0.0008	e0.0006
2	0.0004	0.0004	0.0003	0.0002	0.0013	0.0009		0.0109	0.0087	0.0026	0.0008	e0.0005
3	0.0004	0.0004	0.0003		0.0014	0.0011		0.0110	0.0084	0.0023	0.0008	e0.0005
4	0.0004	0.0004	0.0003		0.0013	0.0011		0.0095	0.0084	0.0021	0.0008	e0.0005
5	0.0004	0.0004	0.0003	0.0003	0.0012	0.0009		0.0105	0.0084	0.0022	0.0008	e0.0005
-												
6	0.0004	0.0004	0.0003	0.0003	0.0010	0.0009	0.0020	0.0105	0.0079	0.0023	0.0008	e0.0005
7	0.0004	0.0004	0.0003	0.0003	0.0010	0.0011	0.0019	0.0105	0.0079	0.0021	0.0008	e0.0004
8	0.0004	0.0004	0.0003	0.0003	0.0010	0.0010	0.0020	0.0110	0.0081	0.0018	0.0007	e0.0004
9	0.0004	0.0004	0.0003	0.0003	0.0010	0.0012	0.0023	0.0107	0.0079	0.0018	0.0007	e0.0004
10	0.0004	0.0004	0.0003	0.0003	0.0010	0.0015	0.0029	0.0105	0.0078	0.0017	0.0007	e0.0004
11	0.0004	0.0004	0.0003		0.0010	0.0017		0.0107	0.0076	0.0016	0.0007	0.0004
12	0.0004	0.0004	0.0003	0.0005	0.0010	0.0018	0.0047	0.0106	0.0075	0.0016	0.0007	0.0004
13	0.0004	0.0004	0.0003	0.0003	0.0011	0.0034	0.0047	0.0108	0.0070	0.0015	0.0007	0.0004
14	0.0004	0.0004	0.0003	0.0003	0.0011	0.0045	0.0048	0.0111	0.0069	0.0016	0.0006	0.0004
15	0.0004	0.0004	0.0002	0.0002	0.0010	0.0046	0.0049	0.0107	0.0068	0.0016	0.0006	0.0004
16	0.0004	0.0004	0.0003	0.0003	0.0011	0.0032	0.0055	0.0107	0.0056	0.0014	0.0006	0.0004
17	0.0004	0.0001	0.0003		0.0011	0.0032		0.0111	0.0036	0.0011	0.0006	0.0004
18	0.0004	0.0001	0.0002		0.0009	0.0023		0.0104	0.0059	0.0013	0.0006	0.0001
19	0.0004	0.0004	0.0002		0.0011	0.0017		0.0096	0.0065	0.0013	0.0006	0.0003
20	0.0004	0.0004	0.0002		0.0011	0.0017		0.0100	0.0053	0.0013	0.0006	0.0003
20	0.0004	0.0004	0.0002	0.0003	0.0008	0.0017	0.0070	0.0100	0.0054	0.0012	0.0000	0.0003
21	0.0004	0.0004	0.0002	0.0002	0.0009	0.0024	0.0081	0.0101	0.0044	0.0012	0.0006	0.0003
22	0.0004	0.0004	0.0002	0.0002	0.0010	0.0041	0.0081	0.0100	0.0043	0.0012	0.0006	0.0003
23	0.0004	0.0004	0.0002	0.0003	0.0011	0.0049	0.0082	0.0100	0.0044	0.0012	0.0006	0.0003
24	0.0004	0.0004	0.0002	0.0003	0.0011	0.0046	0.0091	0.0108	0.0034	0.0013	0.0006	0.0003
25	0.0004	0.0004	0.0002	0.0004	0.0012	0.0046	0.0092	0.0106	0.0027	0.0011	0.0006	0.0003
26	0.0004	0.0004	0.0002	0.0004	0.0011	0.0051	0.0086	0.0093	0.0027	0.0008	0.0006	0.0003
27	0.0004	0.0004	0.0002		0.0011	0.0031		0.0093	0.0027	0.0008	0.0006	0.0003
28	0.0004	0.0004	0.0001		0.0011	0.0044		0.0092	0.0027	0.0008	0.0006	0.0003
29	0.0004				0.0011	0.0034		0.0091			0.0006	0.0003
		0.0003	0.0002						0.0027	0.0008		
30	0.0004	0.0003	0.0002			0.0033		0.0096	0.0027	0.0008	0.0006	0.0003
31	0.0004		0.0002	0.0010		0.0034		0.0091		0.0008	e0.0006	
TOTAL	0.0124	0.0118	0.0076	0.0115	0.0302	0.0810	0.1685	0.3177	0.1786	0.0468	0.0206	0.0115
MEAN	0.000	0.000	0.000	0.000	0.001	0.003	0.006	0.010	0.006	0.002	0.001	0.000
MAX	0.0004	0.0004	0.0003	0.0010	0.0014	0.0051	0.0099	0.0111	0.0087	0.0027	0.0008	0.0006
MIN	0.0004	0.0003	0.0001	0.0002	0.0008	0.0009	0.0019	0.0090	0.0027	0.0008	0.0006	0.0003
AC-FT	0.02	0.02	0.02	0.02	0.06	0.2	0.3	0.6	0.4	0.09	0.04	0.02

e Estimated

103087853 LEVIATHAN MINE POND 1 NEAR MARKLEEVILLE, CA

LOCATION.—Lat $38^{\circ}42'15''$, long $119^{\circ}39'28''$, in NW $^{1}/_{4}$ sec. 22, T.10 N., R.21 E., Alpine County, Hydrologic Unit 16050201, 2.2 mi north of State Highway 89, and 6.5 mi east of Markleeville.

PERIOD OF RECORD.—November 1999 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 7,100 ft above NGVD of 1929, from topographic map.

REMARKS.—Records good. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum elevation, 7.88 ft, April 19-20, 2000; minimum, 4.34 ft, September 27, 2001.

EXTREMES FOR CURRENT YEAR.—Maximum elevation, 7.05 ft, May 28; minimum, 4.37 ft, November 21.

			GAGE H				BER 2002 T 2400 HOUR		R 2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.48	4.48	4.41	5.14	5.54	5.90	6.39	6.87	7.02	6.72	5.82	e5.44
2	4.48	4.48	4.41	5.10	5.55	5.91	6.45	6.88	7.01	6.69	5.83	e5.45
3	4.48	4.48	4.41	5.12	5.56	5.94	6.44	6.91	7.01	6.67	5.67	e5.46
4	4.48	4.48	4.41	5.13	5.58	5.95	6.46	6.91	7.01	6.65	5.50	e5.47
5	4.48	4.49	4.42	5.14	5.58	5.96	6.47	6.92	7.00	6.63	5.40	e5.48
6	4.48	4.48	4.42	5.15	5.60	5.97	6.47	6.92	6.99	6.60	5.24	e5.49
7	4.48	4.48	4.42	5.16	5.60	5.98	6.48	6.93	6.98	6.57	5.12	e5.50
8	4.49	4.48	4.42	5.18	5.62	5.99	6.49	6.96	6.98	6.55	4.95	e5.51
9	4.50	4.48	4.42	5.19	5.63	5.99	6.49	6.97	6.97	6.53	4.84	e5.52
10	4.50	4.49	4.42	5.21	5.65	6.01	6.49	6.98	6.96	6.50	4.72	5.52
11	4.49	4.52	4.42	5.22	5.65	6.02	6.49	6.99	6.95	6.48	4.84	5.51
12	4.50	4.54	4.42	5.23	5.67	6.03	6.52	6.99	6.95	6.45	5.01	5.50
13	4.50	4.58	4.43	5.24	5.69	6.05	6.65	6.99	6.94	6.42	4.97	5.49
14	4.50	4.41	4.46	5.25	5.70	6.07	6.68	7.01	6.94	6.40	4.96	5.47
15	4.50	4.39	4.51	5.26	5.71	6.13	6.69	7.01	6.93	6.37	4.99	5.48
16	4.50	4.39	4.76	5.27	5.75	6.14	6.72	7.01	6.93	6.35	5.01	5.44
17	4.50	4.39	4.82	5.28	5.76	6.15	6.74	7.01	6.92	6.33	5.03	5.42
18	4.50	4.38	4.83	5.30	5.77	6.16	6.74	7.01	6.91	6.31	5.06	5.40
19	4.50	4.39	4.91	5.31	5.78	6.18	6.75	7.01	6.89	6.30	5.07	5.38
20	4.50	4.39	4.96	5.32	5.79	6.19	6.76	7.01	6.87	6.29	5.10	5.34
21	4.50	4.37	4.97	5.34	5.80	6.21	6.78	7.02	6.85	6.29	5.21	5.33
22	4.49	4.38	4.99	5.35	5.81	6.22	6.79	7.03	6.84	6.29	5.24	5.31
23	4.50	4.38	4.95	5.38	5.82	6.26	6.80	7.03	6.85	6.28	5.27	5.29
24	4.54	4.39	4.95	5.40	5.85	6.27	6.81	7.03	6.84	6.28	5.29	5.28
25	4.49	4.39	4.96	5.41	5.85	6.29	6.82	7.03	6.83	6.26	5.31	5.26
26	4.49	4.39	4.96	5.43	5.86	6.32	6.83	7.03	6.82	6.26	5.34	5.22
27	4.49	4.39	4.95	5.46	5.87	6.35	6.83	7.03	6.80	6.25	5.37	5.20
28	4.49	4.40	5.02	5.47	5.89	6.34	6.86	7.05	6.78	6.14	5.40	5.17
29	4.49	4.40	5.05	5.48		6.35	6.84	7.03	6.76	6.00	5.42	5.17
30	4.48	4.40	5.07	5.50		6.36	6.85	7.03	6.74	5.87	e5.42	5.19
31	4.48		5.13	5.51		6.38		7.02		5.74	e5.43	
MEAN	4.49	4.44	4.70	5.29	5.71	6.13	6.65	6.99	6.91	6.37	5.22	5.39
MAX	4.54	4.58	5.13	5.51	5.89	6.38	6.86	7.05	7.02	6.72	5.83	5.52
MIN	4.48	4.37	4.41	5.10	5.54	5.90	6.39	6.87	6.74	5.74	4.72	5.17

CAL YR 2002 MEAN 5.51 MAX 6.71 MIN 4.37 WTR YR 2003 MEAN 5.69 MAX 7.05 MIN 4.37

e Estimated

103087885 LEVIATHAN CREEK CHANNEL UNDERDRAIN NEAR MARKLEEVILLE, CA

 $LOCATION. \\ -Lat~38^{\circ}42'34'', long~119^{\circ}39'41'', in~SE~^{1}/_{4}~SW~^{1}/_{4}~sec.~15, T.~10~N., R.~21~E., Alpine~County, Hydrologic~Unit~16050201, 2.9~mi~north~of~State~Highway~89, and 6.5~mi~east~of~Markleeville.$

PERIOD OF RECORD.—November 1999 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,800 ft above NGVD of 1929, from topographic map.

REMARKS.—Records fair. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 0.09 ft³/s, April 20-21, 2000; minimum, no flow on many days in most years.

EXTREMES FOR CURRENT YEAR.—Maximum daily discharge, 0.0896 ft³/s, May 12; no flow on many days.

		DI	SCHARGE,	CUBIC FEET		ID, WATER I		R 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0000	0.0259	0.0349	0.0519	0.0446	0.0538	e0.0570	0.0768	0.0740	0.0000	0.0000	0.0000
2	0.0000	0.0475	0.0349		0.0465	0.0556	e0.0570	0.0779	0.0740	0.0000	0.0000	0.0000
3	0.0000	0.0477	0.0349		0.0518	0.0560	e0.0580	0.0791	0.0740	0.0000	0.0000	0.0000
4	0.0000	0.0472	0.0349		0.0513	0.0578	e0.0580	0.0793	0.0740	0.0000	0.0000	0.0000
5	0.0000	0.0472	0.0349		0.0499	0.0578	e0.0590	0.0806	0.0737	0.0000	0.0000	0.0000
6	0.0000	0.0456	0.0349		0.0487	0.0578	e0.0590	0.0828	0.0736	0.0000	0.0000	0.0000
7	0.0000	0.0444	0.0349	0.0478	0.0478	e0.0580	e0.0600	0.0834	0.0731	0.0000	0.0000	0.0000
8	0.0000	0.0450	0.0349	0.0478	0.0467	e0.0615	e0.0600	0.0830	0.0735	0.0000	0.0000	0.0000
9	0.0000	0.0446	0.0349	0.0478	0.0457	0.0613	e0.0610	0.0857	0.0729	0.0000	0.0000	0.0000
10	0.0000	0.0418	0.0350	0.0471	0.0448	0.0632	e0.0610	0.0869	0.0722	0.0000	0.0000	0.0000
11	0.0000	0 0420	0.0352	0 0441	0.0467	0.0632	0.0626	0.0876	0.0717	0.0000	0.0000	0.0000
12		0.0429 0.0458										
	0.0000		0.0354		0.0473	0.0632	0.0645	0.0896	0.0712	0.0000	0.0000	0.0000
13	0.0000	0.0429	0.0355		0.0470	0.0633	0.0674	e0.0890	0.0517	0.0000	0.0000	0.0000
14	0.0000	0.0375	0.0356		0.0499	0.0660	0.0684	e0.0860	0.0689	0.0000	0.0000	0.0000
15	0.0000	0.0364	0.0377	0.0429	0.0507	0.0638	0.0730	e0.0820	0.0381	0.0000	0.0000	0.0000
16	0.0000	0.0185	0.0385	e0.0429	0.0524	0.0640	0.0728	e0.0788	0.0323	0.0000	0.0000	0.0000
17	0.0000	0.0115	0.0389	e0.0430	0.0527	0.0621	0.0772	0.0788	0.0150	0.0000	0.0000	0.0000
18	0.0000	0.0288	0.0389	e0.0432	0.0555	0.0618	0.0701	0.0777	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0204	0.0390	e0.0433	0.0544	0.0594	0.0745	0.0764	0.0000	0.0000	0.0000	0.0000
20	0.0000	0.0302	0.0365		0.0537	0.0583	0.0751	0.0767	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0349	0.0389	e0.0436	0.0544	0.0568	0.0750	0.0761	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0349	0.0400	e0.0437	0.0528	0.0566	0.0754	0.0762	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0349	0.0432	e0.0438	0.0518	0.0558	0.0750	0.0759	0.0000	0.0000	0.0000	0.0000
24	0.0000	0.0349	0.0432	e0.0440	0.0514	e0.0560	0.0750	0.0755	0.0000	0.0000	0.0000	0.0000
25	0.0000	0.0349	0.0432	e0.0441	0.0529	e0.0560	0.0757	0.0758	0.0000	0.0000	0.0000	0.0000
26	0.0000	0.0338	0.0443	e0.0442	0.0554	e0.0560	0.0765	0.0755	0.0000	0.0000	0.0000	0.0000
27	0.0000	0.0330	0.0516		0.0544	e0.0560	0.0766	0.0757	0.0000	0.0000	0.0000	0.0000
28	0.0000	0.0331	0.0527		0.0511	e0.0560	0.0763	0.0752	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0333	0.0527		0.0540	e0.0560	0.0760	0.0732	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0340	0.0515			e0.0560	0.0756	0.0743	0.0033	0.0000	0.0000	0.0000
31	0.0000		0.0523			e0.0560		0.0743		0.0000	0.0000	
31	0.0000		0.0323	0.0436		60.0300		0.0742		0.0000	0.0000	
TOTAL	0.0000	1.0947	1.2339	1.4057	1.4158	1.8251	2.0527	2.4674	1.0872	0.0000	0.0000	0.0000
MEAN	0.000	0.036	0.040		0.051	0.059	0.068	0.080	0.036	0.000	0.000	0.000
MAX	0.0000	0.0477	0.0527	0.0526	0.0555	0.0660	0.0772	0.0896	0.0740	0.0000	0.0000	0.0000
MIN	0.0000	0.0115	0.0349		0.0446	0.0538	0.0570	0.0742	0.0000	0.0000	0.0000	0.0000
AC-FT	0.00	2.2	2.4	2.8	2.8	3.6	4.1	4.9	2.2	0.00	0.00	0.00

e Estimated

103087887 LEVIATHAN MINE POND 4 NEAR MARKLEEVILLE, CA

 $LOCATION. \\ -Lat~38^{\circ}42'34'', long~119^{\circ}39'41'', in~SE~^{1}/_{4}~SW~^{1}/_{4}~sec.~15, T.~10~N., R.~21~E., Alpine~County, Hydrologic~Unit~16050201, 2.9~mi~north~of~State~Highway~89, and 6.5~mi~east~of~Markleeville.$

PERIOD OF RECORD.—October 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,800 ft above NGVD of 1929, from topographic map.

REMARKS.—Records excellent. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 0.3431 ft³/s, February 10, 1999; no flow on many days in each year.

 $\hbox{\it EXTREMES FOR CURRENT YEAR.} -\hbox{\it There was no flow during the entire year.}$

10308789 LEVIATHAN CREEK ABOVE ASPEN CREEK, NEAR MARKLEEVILLE, CA

LOCATION (REVISED).—Lat $38^{\circ}43'01''$, long $119^{\circ}39'33''$, in NE $^{1}/_{4}$ NW $^{1}/_{4}$ sec.15, T.10 N., R.21 E., Alpine County, Hydrologic Unit 16050201, on right bank, 3.2 mi north of State Highway 89, and 6.5 mi east of Markleeville.

DRAINAGE AREA.—7.07 mi².

PERIOD OF RECORD.—October 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,700 ft above NGVD of 1929, from topographic map.

REMARKS.—Records fair except those below 0.5 ft³/s and estimated values, which are poor. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 24 ft³/s, April 28, 1999, gage height, 5.14 ft; no flow on some days in most years.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 10 ft³/s or maximum:

EXIKE	MES FOR C	JUKKENI	EAK.—	Peak discharge		an base	discharge of					
				Discharge (scharge Ga			
		Date	Time	,	(ft)		Date	Time (ft	,	(ft)		
		Sept 4	1900	*13	*4.80		No othe	er peaks greate	r than base dis	charge		
		DISC	HARGE (CUBIC FEET P	ER SECOND	WATER	VEAR OCTORE	TP 2002 TO	SEDTEMBER	2003		
		DIDO	imicol,	CODIC IEEI I		Y MEAN		JR 2002 10	ODI IDIIDDI	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.09	0.09	0.12	0.15	1.2	0.24	2.7	1.8	e0.80	0.27	0.03	0.07
2	0.09	0.13	0.23	0.18	0.92	0.33	1.8	e1.9	e0.60	0.15	0.01	0.02
3	0.08	0.11	0.12	0.21	1.2	0.29	e2.1	2.0	0.50	0.14	0.01	0.07
4	0.08	0.10	0.14	0.21	0.77	0.29	e1.7	2.2	0.44	0.12	0.03	0.51
5	0.07	0.09	0.13	0.22	0.74	0.28	e1.4	e2.2	0.38	0.10	0.02	0.14
6	0.06	0.08	0.11	0.20	1.1	0.29	e1.2	e2.2	0.34	0.11	0.02	0.17
7	0.05	0.19	0.14	0.19	0.44	0.35	e1.2	e2.2	0.36	0.10	0.03	0.18
8	0.05	2.4	0.14	0.19	0.55	0.41	e1.4	e2.1	0.34	0.10	0.04	0.36
9	0.05	0.51	0.12	0.20	0.49	0.45	e1.9	2.0	0.33	0.08	0.03	0.32
10	0.04	0.30	0.10	0.20	0.41	0.49	2.4	e1.9	0.32	0.08	0.09	0.08
11	0.06	0.37	0.13	0.20	0.39	0.72	2.8	e2.2	0.31	0.18	0.13	0.08
12	0.07	0.47	0.12	0.20	0.35	1.0	e2.7	e2.5	0.30	0.06	0.17	0.05
13	0.07	0.51	0.11	0.21	0.39	1.6	e2.3	e2.6	0.31	0.06	e0.14	0.04
14	0.07	0.40	0.14	0.21	0.38	1.8	e2.1	e2.6	0.33	0.15	e0.44	0.38
15	0.14	0.39	e0.14	0.20	0.37	1.9	e2.2	e2.4	0.32	0.32	e0.44	0.09
16	0.24	0.30	0.21	0.20	0.48	1.2	e2.1	2.2	0.29	0.30	e0.22	0.04
17	0.24	0.30	e0.21	0.21	0.46	0.89	e2.1	1.9	0.29	0.30	e0.22	0.04
18	0.26	0.25	e0.26	0.21	0.36	e0.89	e2.8	0.95	0.30	0.30	0.10	0.34
19	0.19	0.24	0.15	0.21	0.36	e1.1	e2.8	0.95	0.27	0.32	0.10	0.47
20	0.10	0.24	0.16	0.25	0.31	0.85	2.6	1.3	0.21	0.32	0.07	0.38
20	0.10	0.20	0.16	0.25	0.31	0.65	2.6	1.3	0.23	0.19	0.00	0.20
21	0.10	0.19	0.15	0.28	0.36	1.1	2.4	1.2	0.23	0.05	0.63	0.08
22	0.11	0.18	0.15	0.35	0.34	1.7	e2.1	0.94	0.22	0.04	0.12	0.06
23	0.11	0.15	0.13	0.63	0.34	2.2	2.4	0.96	0.28	0.05	0.06	0.04
24	0.08	0.13	0.14	0.66	0.29	2.1	3.1	0.94	0.31	0.06	0.19	0.02
25	0.09	0.11	0.14	0.64	0.28	2.2	2.8	0.90	0.37	0.06	0.06	0.00
26	0.10	0.13	0.15	0.89	0.29	5.4	2.0	0.87	0.53	0.06	0.27	0.00
27	0.10	0.15	0.17	1.1	0.27	2.8	1.8	0.94	0.54	0.06	0.43	0.14
28	0.10	0.15	0.16	0.96	0.28	1.5	1.8	0.91	0.56	0.04	0.43	0.14
29	0.09	0.14	0.17	0.76		1.5	2.1	0.98	0.59	0.03	0.07	0.13
3 0	0.08	0.13	0.16	0.83		1.8	2.0	1.1	0.53	0.02	0.04	0.10
31	0.08		0.16	1.1		2.7		e1.0		0.01	0.04	
TOTAL	3.00	8.83	4.62	12.27	13.97	40.37	65.2	50.69	11.44	3.93	4.44	4.98
MEAN	0.097	0.29	0.15	0.40	0.50	1.30	2.17	1.64	0.38	0.13	0.14	0.17
MAX	0.26	2.4	0.26	1.1	1.2	5.4	3.1	2.6	0.80	0.32	0.63	0.58
MIN	0.04	0.08	0.10	0.15	0.27	0.24	1.2	0.80	0.21	0.01	0.00	0.00
AC-FT	6.0	18	9.2	24	28	80	129	101	23	7.8	8.8	9.9
STATIST	rics of Mo	ONTHLY MEA	N DATA	FOR WATER Y	EARS 1999	- 2003	3, BY WATER	R YEAR (W	Y)			
MEAN	0.17	0.25	0.23	0.33	0.51	1.16	2.59	2.63	0.66	0.22	0.17	0.20
MAX	0.17	0.36	0.23	0.47	1.10	1.74	5.38	9.69	2.18	0.22	0.17	0.46
(WY)	2000	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	0.085	0.16	0.15	0.16	0.20	0.71	1.30	0.48	0.12	0.069	0.039	0.090
(WY)	2002	2001	2003	2001	2001	2001	2001	2001	2001	2001	2001	2001
				2002 CALEN								
ANNUAL ANNUAL HIGHES		MEAN		169.54 0.46			223.7			0.4	7 1 0	2003
	ANNUAL ME											
HIGHES	r DAILY ME	EAN		3.5	Apr 4		5.4	Mar 2	6		May 7	
LOWEST	DAILY MEA	AN		3.5 0.00 0.03	Jul 11		0.0	Mar 2 00 Aug 2 02 Jul 3	0	0.0	0 Aug 5 0 Aug 5	2001
ANNUAL	SEVEN-DAY	Y MINIMUM		0.03	Jul 5		0.0	02 Jul 3	0	0.0	0 Aug 5	2001
MAXIMU	M PEAK FLO	WC					13	Sep	4 4	24	Apr 28 4 Apr 28	1999
	M PEAK STA						4.8	30 Sep	4	5.1		1999
	RUNOFF (A			336			111			545		
	CENT EXCE			1.2			2.1			1.3		
	CENT EXCE			0.23			0.2			0.2		
90 PER	CENT EXCE	EDS		0.07			0.0	06		0.0	7	

e Estimated

103087892 ASPEN CREEK OVERBURDEN SEEP NEAR MARKLEEVILLE, CA

LOCATION.—Lat 38°43'45", long 119°39'11", in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.15, T.10 N., R.21 E., Alpine County, Hydrologic Unit 16050201, 2.8 mi north of State Highway 89, and 2.1 mi east of Markleeville.

PERIOD OF RECORD.—November 1998 to September 2002 (low-flow records only), April to September 2003.

GAGE.—Water-stage recorder. Elevation of gage is 7,100 ft above NGVD of 1929, from topographic map.

REMARKS.—Records poor. No record October 1 through April 23. The site was shut down during construction of treatment ponds.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV JAN FEB MAR APR MAY JUL AUG SEP 0.0060 0.0113 0.0024 0.0127 e0.0040 2 ---0.0048 0.0101 e0.0030 0.0079 e0.0040 3 0.0046 0.0117 e0.0030 e0.0070 e0.0040 0.0040 4 0.0130 0.0026 e0.0060 e0.0040 5 ------------------0.0043 0.0142 0.0027 e0.0060 e0.0050 6 0.0045 0.0118 0.0027 e0.0050 e0.0050 0.0107 e0.0030 e0.0050 ---------------------0.0043 e0.0040 ---_ _ _ ---8 0.0040 0.0121 e0.0030 e0.0040 e0.0050 e0.0050 ------0.0046 0.0075 0.0035 e0.0030 9 ------------------------10 ------------0.0050 0.0021 0.0040 0.0025 e0.0050 ____ 0.0016 0.0039 11 _ _ _ _ _ _ ---0 0054 0.0026 e0.0050 12 ---------------------0.0058 0.0010 0.0040 0.0026 e0.0050 13 ---------------------0.0061 0.0037 0.0041 0.0025 e0.0050 14 _ _ _ ------_ _ _ ---------0.0062 0.0040 0.0039 0.0026 e0.0050 15 ---------------------0.0060 0.0018 0.0043 0.0027 e0.0050 16 _ _ _ ---_ _ _ _ _ _ ---------0.0061 0.0066 0.0058 0.0028 e0.0050 17 ---------------------0.0065 0.0058 0.0050 0.0029 e0.0050 18 ------------------0.0056 0.0024 0.0055 0.0027 e0.0050 19 ___ ___ ___ _ _ _ ___ ___ ---0.0055 0.0039 0.0053 0.0023 e0.0050 20 ------0.0070 0.0076 0.0052 0.0022 e0.0050 21 0.0079 0.0088 0.0057 0.0026 e0.0050 22 ---------------------0.0097 0.0080 0.0060 e0.0030 e0.0050 0.0075 23 0.0097 e0.0050 e0.0040 e0.0050 ------------------0.0040 0.0111 e0.0050 0.0089 0.0045 25 0.0036 0.0121 e0.0050 0.0093 0.0043 0.0141 26 0.0026 0.0152 0.0053 0.0076 0.0043 27 0.0021 0.0055 e0.0050 0.0081 0.0046 0.0132 28 ---0.0102 0.0096 e0.0040 ------------0.0031 0.0034 0.0162 0.0119 0.0024 29 0.0050 0.0134 e0.0040 0.0182 30 ---0.0125 0.0196 0.0065 0.0024 e0.0040 0.0185 ------------------0.0113 e0.0040 31 ---0.0185 TOTAL ---0.2234 0.1932 0.1911 0.1273 0.2288

0.007

0.0152

0.0040

0.4

0.006

0.0142

0.0010

0.4

0.006

0.0196

0.0024

0.4

0.004

0.0127

0.0022

0.3

0.008

0.0209

0.0040

0.5

MEAN

MAX

MIN

AC-FT

e Estimated

10308792 LEVIATHAN CREEK ABOVE MOUNTAINEER CREEK, NEAR MARKLEEVILLE, CA

LOCATION.—Lat 38°44'12", long 119°38'39", in SW 1/4 SW 1/4 sec.2, T.10 N., R.21 E., Alpine County, Hydrologic Unit 16050201, on left bank, 4.4 mi north of State Highway 89, and 7.5 mi northeast of Markleeville.

DRAINAGE AREA.—10.8 mi 2 .

PERIOD OF RECORD.—December 1999 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,300 ft above NGVD of 1929, from topographic map.

REMARKS.—Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 16 ft³/s, February 14, 2000, gage height, 8.05 ft; minimum daily, 0.02 ft³/s, August 11, 2001.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 20 ft³/s and maximum::

					Gage height]	Discha	rge Gag	ge height		
		Date	Time	(ft^3/s)	(ft)		Date	Time	$(ft^3/$	s)	(ft)		
		Sept 4	1945	*11	*7.90								
		DISC	CHARGE, C	UBIC FEET P		WATER Y MEAN V		ER 2002	TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MA	ΑY	JUN	JUL	AUG	SEP
1	0.14	0.11	e0.47	1.1	2.8	0.60	3.5	3.0)	0.86	0.45	0.56	0.15
2	0.14	0.15	0.47	e1.3	2.3	0.72	2.8	3.0)	0.80	0.28	0.36	0.13
3	0.13	0.16	0.46	e1.5	3.0	0.79	2.9	3.1		0.80	0.28	0.30	0.16
4	0.14	0.16	e0.49	1.7	2.7	0.59	2.1	3.1		0.80	0.26	0.46	0.98
5	0.13	0.18	e0.48	1.7	1.9	0.68	2.0	2.9		0.75	0.24	0.39	0.35
6	0.13	0.20	e0.50	1.5	1.9	0.66	1.7	3.0		0.73	0.22	0.35	0.26
7	0.12	0.59	0.49	1.4	1.5	0.78	1.8	2.9		0.77	0.22	0.39	0.25
8 9	0.12 0.11	4.4	0.51	1.5 1.5	e1.7	0.88	2.2	2.9		0.73	0.21 0.18	0.53 0.35	0.37
10	0.11	0.63	e0.57 e0.56	1.5	e1.8 e1.6	1.1	3.3	2.6		0.69 0.70	0.16	0.35	0.45 0.18
11	0.12	0.63	e0.56	1.3	1.4	1.4	3.6	2.8		0.71	0.25	0.51	0.18
12	0.12	0.75	e0.57	1.3	0.72	1.9	3.3	3.0		0.68	0.14	0.28	0.16
13	0.12	0.75	e0.56	1.3	1.1	2.9	3.2	3.1		0.66	0.13	0.24	0.15
14	0.12	0.58	e0.56	1.3	1.0	3.2	3.1	3.1	_	0.68	0.18	0.67	0.40
15	0.13	0.65	e0.54	1.2	0.94	4.3	3.3	2.9)	0.66	0.41	0.68	0.28
16	0.18	0.45	e0.56	1.2	0.93	2.9	3.2	2.8		0.60	0.38	0.35	0.14
17	0.20	0.34	e0.54	1.2	1.1	2.1	4.3	2.6		0.58	0.42	0.13	0.42
18	0.19	0.36	e0.53	1.2	1.1	2.1	4.5	2.4		0.58	0.48	0.11	0.65
19 20	0.13 0.13	0.38 0.36	e0.51 0.52	1.2	0.84 0.73	2.3	4.6 4.4	2.3		0.48 0.47	0.52 0.35	0.12 0.13	0.66 0.45
21	0.13	0.37	0.52	1.3	0.89	2.2	4.1	2.0		0.48	0.13	0.85	0.17
22	0.13	0.33	0.55	1.6	0.97	3.2	3.6	1.9		0.51	0.12	0.28	0.15
23	0.13	0.33	0.85	2.3	0.96	3.9	3.7	1.8		0.69	0.13	0.16	0.15
24	0.13	0.33	0.97	2.5	0.69	3.7	4.3	1.5	5	0.75	0.15	0.22	0.14
25	0.13	0.29	0.91	2.3	0.65	4.0	4.1	1.4	Ŀ	0.70	0.13	0.18	0.13
26	0.13	0.22	0.85	2.8	0.74	6.1	3.8	1.3	3	0.89	0.13	0.36	0.12
27	0.13	0.31	0.95	3.4	0.67	3.8	3.6	1.2	2	0.88	0.13	0.46	0.20
28	0.13	0.32	1.2	2.7	0.71	2.7	3.7	1.0		0.85	0.13	0.41	0.19
29	0.13	0.40	1.0	2.1		2.5	3.3	0.9		0.78	0.13	0.18	0.22
30 31	0.13 0.11	e0.45	0.95 0.98	2.1 2.7		3.0 3.7	3.1	0.9		0.71	0.12 0.17	0.13 0.14	0.13
moma r	4 10	16 50	00 10	F2 0	25 24	E1 40	00.0	E1 0		00 05	F 02	10 86	0 25
TOTAL MEAN	4.12 0.13	16.58 0.55	20.18 0.65	53.0 1.71	37.34 1.33	71.40 2.30	99.9 3.33	71.3		20.97	7.23 0.23	10.76 0.35	8.37 0.28
MAX	0.13	4.4	1.2	3.4	3.0	6.1	4.6	3.		0.70	0.52	0.35	0.28
MIN	0.11	0.11	0.46	1.1	0.65	0.59	1.7	0.9		0.47	0.12	0.11	0.12
AC-FT	8.2	33	40	105	74	142	198	14		42	14	21	17
STATIST	ICS OF M	ONTHLY MEA	N DATA	FOR WATER	YEARS 2000	- 2003	, BY WATE	R YEAR	(WY)				
MEAN	0.27	0.57	0.51	0.93	1.01	2.07	3.09	1.2	23	0.42	0.24	0.27	0.27
MAX	0.34	0.66	0.65	1.71	1.40	2.54	3.83	2.3		0.70	0.39	0.46	0.29
(WY)	2001	2002	2003	2003	2000	2000	2002	200		2003	2000	2000	2000
MIN	0.13	0.50	0.43	0.43	0.62	1.56	2.23	0.8		0.21	0.13	0.11	0.24
(WY)	2003	2001	2002	2002	2002	2001	2001	200)2	2001	2001	2001	2001
SUMMARY	STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER Y	YEAR		WATER YEAR	RS 2000 -	2003
ANNUAL C	TOTAL			301.5	7		421.	15					
ANNUAL N	MEAN			0.83	3		1.	15			0.88		
HIGHEST											1.15		2003
LOWEST A							_						2001
HIGHEST	DAILY ME				Apr 4 Aug 17			1 Mar 11 Oct				Feb 14 2 Aug 11	
		Y MINIMUM			2 Oct 7			12 Oct				7 Aug 11	
MAXIMUM				0.11	/		11		5 4			Feb 14	
	PEAK ST							90 Sep				Feb 14	
	RUNOFF (598			835				636		
	ENT EXCE			2.0			3.				2.3		
	ENT EXCE			0.4				68			0.48		
90 PERCI	ENT EXCE	פחפ		0.13	•		0.	13			0.13	•	

e Estimated

10308794 BRYANT CREEK BELOW CONFLUENCE, NEAR MARKLEEVILLE, CA

 $LOCATION. — Lat~38^\circ 44^\prime 12^\circ, long~119^\circ 38^\prime 39^\circ, in~SW~^1/_4~SW~^1/_4~sec.~2, T.10~N., R.21~E., Alpine~County, Hydrologic~Unit~16050201, on~left~bank, 4.4~mi~north~of~State~Highway~89, and 7.5~mi~northeast~of~Markleeville.$

DRAINAGE AREA.—12.36 mi².

PERIOD OF RECORD.—November 1998 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,300 ft above NGVD of 1929, from topographic map.

REMARKS.—Records good. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 44 ft³/s, April 19, 1999, gage height, 5.35 ft, maximum gage height, 7.39 ft, November 12, 2000, backwater from ice; minimum daily, 0.54 ft³/s, August 18, 2003.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 40 ft³/s or maximum:

			Discharge Gage height							ge height		
		Date	Time	(ft^3/s)	(ft)		Date	Time (ft ³ /	s)	(ft)		
		Sept 4	1945	*25	*5.04							
		DISC	CHARGE, C	UBIC FEET PE	R SECOND, DAIL	WATER Y Y MEAN V	EAR OCTOBE ALUES	R 2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.3	1.1	1.5	5.6	2.0	6.9	5.9	2.4	1.3	1.2	1.2
2	1.2	1.7	1.0	1.7	4.0	2.1	5.9	5.9	2.5	1.2	1.2	1.2
3	1.1	1.6	0.97	2.1	4.6	2.1	5.3	5.8	2.4	1.1	1.0	1.4
4	1.2	1.6	1.0	2.5	4.1	2.1	4.6	6.0	2.4	1.1	1.1	3.1
5	1.1	1.6	1.0	2.8	3.3	2.2	4.3	5.8	2.4	1.1	0.97	1.7
6	1.0	1.6	1.0	2.5	2.7	2.3	4.1	5.8	2.1	1.1	1.0	1.3
7	0.99	2.3	0.95	2.1	2.2	2.4	4.1	5.7	2.0	1.1	1.1	1.5
8	0.98	11	1.00	2.1	2.4	2.6	4.7	5.5	1.9	1.1	1.1	1.5
9	0.95	3.4	1.2	2.1	2.4	2.4	5.9	5.2	1.9	1.0	0.90	1.5
10	0.93	1.6	1.2	2.1	2.3	2.6	6.6	5.0	1.8	0.86	1.0	1.4
11	0.97	1.5	1.0	1.9	2.1	3.1	7.1	5.0	1.6	1.0	1.2	1.1
12	1.0	1.6	1.1	1.9	1.9	3.9	6.7	5.3	1.6	0.77	0.94	0.92
13	1.1	1.6	1.2	2.0	2.0	5.6	6.7	5.5	1.6	0.65	0.75	0.95
14	1.1	1.5	1.2	2.0	2.0	5.7	6.6	5.4	1.7	0.65	0.99	1.1
15	1.1	1.4	e1.2	1.8	1.8	7.6	6.8	5.1	1.8	0.91	1.1	1.1
16	1.4	1.3	e1.2	1.8	2.0	4.5	6.7	4.9	1.6	0.89	0.78	1.2
17	1.4	1.2	e1.3	1.9	2.0	3.6	8.4	4.7	1.4	0.93	0.56	0.98
18	1.3	1.1	e1.3	1.9	2.2	3.1	8.3	4.5	1.4	1.1	0.54	1.4
19	1.1	1.2	e1.4	2.1	1.9	3.1	8.2	4.3	1.4	1.2	0.63	1.4
20	1.2	1.2	e1.4	2.2	1.9	3.2	8.0	3.9	1.4	1.0	0.64	1.1
21	1.2	1.3	1.5	2.2	2.0	4.0	7.6	3.8	1.4	0.74	1.5	0.78
22	1.3	1.3	1.4	2.8	2.0	5.7	7.0	3.7	1.4	0.71	0.93	0.75
23	1.3	1.3	1.5	5.0	2.1	6.8	7.1	3.5	1.6	0.78	0.83	0.71
24	1.3	1.2	1.5	5.5	2.1	6.5	8.0	3.3	1.7	0.85	0.89	0.68
25	1.3	0.98	1.4	5.0	2.1	6.8	7.8	3.1	1.5	0.83	0.81	0.70
26	1.3	1.1	1.4	6.5	2.2	11	7.4	2.9	1.7	0.80	0.90	0.70
27	1.4	1.1	1.6	8.7	2.0	7.4	7.0	2.8	1.7	0.67	1.1	0.74
28	1.4	0.96	1.6	6.4	2.1	5.6	7.2	2.6	1.7	0.67	1.2	0.77
29	1.4	1.1	1.5	4.2		5.1	6.5	2.6	1.6	0.61	0.87	0.83
30	1.4	1.1	1.5	4.2		5.9	6.1	2.5	1.6	0.63	0.83	0.73
31	1.2		1.5	5.4		7.1		2.4		0.74	0.92	
TOTAL	36.82	52.74	39.12	96.9	70.0	138.1	197.6	138.4	53.2	28.09	29.48	34.44
MEAN	1.19	1.76	1.26	3.13	2.50	4.45	6.59	4.46	1.77	0.91	0.95	1.15
MAX	1.4	11	1.6	8.7	5.6	11	8.4	6.0	2.5	1.3	1.5	3.1
MIN	0.93	0.96	0.95	1.5	1.8	2.0	4.1	2.4	1.4	0.61	0.54	0.68
AC-FT	73	105	78	192	139	274	392	275	106	56	58	68
STATIST	rics of M	ONTHLY MEA	N DATA E	FOR WATER YE	EARS 1999	- 2003	, BY WATE	R YEAR (WY)				
MEAN	1.63	1.94	1.98	2.69	3.02	4.72	7.48	6.18	2.44	1.36	1.31	1.52
MAX	2.47	2.59	2.48	3.26	4.78	6.94	15.6	19.2	6.12	2.61	2.53	2.66
(WY)	2000	2000	2000	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	1.19	1.60	1.26	1.77	2.06	3.53	4.03	1.91	1.09	0.91	0.79	0.84
(WY)	2003	2002	2003	2001	2001	2001	2001	2001	2001	2003	2002	2002
SUMMAR	Y STATIST	ics	FOR	2002 CALENI	AR YEAR		FOR 2003	WATER YEAR		WATER YEAR	RS 1999 -	2003
ANNUAL	TOTAL			747.49			914.	89				
ANNUAL	MEAN			2.05			2.	51		2.3	2	
HIGHEST	r annual	MEAN								2.7	9	2000
	ANNUAL M									1.8	9	2001
HIGHEST	r daily M	EAN		11	Nov 8		11	Nov 8		29	Apr 21	1999
LOWEST	DAILY ME	AN		0.62	Aug 17		0.	54 Aug 18		0.5	4 Aug 18	2003
ANNUAL	SEVEN-DA	MUMINIM Y.		11 0.62 0.69	Aug 16		0.	Nov 8 54 Aug 18 71 Jul 25 Sep 4 04 Sep 4		0.6	9 Aug 16	2002
MAXIMUN	M PEAK FL	WO					25	Sep 4		44	Apr 19	1999
	M PEAK ST						5.	04 Sep 4		7.3	9 Nov 12	2000
ANNUAL	RUNOFF (AC-FT)		1480			1810			1680		
10 PERG	CENT EXCE	EDS		3.7			5.	9		4.6		
	CENT EXCE			1.5			1.			1.8		
90 PER	CENT EXCE	EDS		0.81			0.	89		0.9	3	

e Estimated

10308800 BRYANT CREEK NEAR GARDNERVILLE, NV

 $LOCATION.-Lat~38^{\circ}47'38",~long~119^{\circ}40'18",~in~NE~^{1}/_{4}~NW~^{1}/_{4}~sec.~30,~T.11~N.,~R.21~E.,~Douglas~County,~Hydrologic~Unit~16050201,~on~right~bank,~500~ft~upstream~from~Doud~Springs,~1.7~mi~upstream~from~mouth,~and~11~mi~southeast~of~Gardnerville.$

DRAINAGE AREA.--31.5 mi².

PERIOD OF RECORD.--May 1961 to September 1969, October 1977 to September 1980, April 1994 to current year; October 1969 to September 1973 (annual maximum).

GAGE.--Water-stage recorder. Datum of gage is 5,445.91 ft above NGVD of 1929. Prior to July 22, 1963, at same site at datum 0.04 ft higher. Prior to April 1994 at site 50 ft downstream at datum 3.79 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. No diversions above station. See schematic diagram of Carson

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft³/ s, January 2, 1997, gage height, 8.70 ft; minimum daily, 0.78 ft³/ s,

EXTREM	MES FOR C	URRENT Y	EARPe	ak discharges	greater than	n base dis	scharge of 2	20 ft ³ /	s and	maximun	n (*):		
				Discharge C	-					rge Gage	` '		
		ъ.	m'		2 2		ъ.	m:			_		
		Date	Time	(ft ³ / s)	(ft)		Date	Time	(ft ³ /		(ft)		
		Nov 8	1400	*25	5.37		March 26	1845	22	*5	.39		
		DISC	HARGE, CU	BIC FEET PE		WATER Y		ER 20	02 TO SE	PTEMBER	2003		
DAW	OGM	NOU	DEC	T 7 N					MAN	TIIN	7777	AIIG	CED
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP
1	2.5	e2.4	3.1	3.4	8.7	3.4	7.6		6.7	3.8	2.5	1.8	1.3
2	2.5	e2.4 2.5	3.0 2.9	4.2	7.3 5.5	2.9	6.6 5.6		6.7 6.6	3.6	2.3	2.2	0.98 1.1
4	2.5	e2.5	3.0	4.8	5.1	3.3	5.3		6.9	3.2	2.3	1.9	2.0
5	2.4	e2.5	3.0	5.1	e4.8	3.0	4.9		6.7	3.2	2.1	1.8	3.2
6	2.4	2.5	3.1	4.9	e4.5	3.1	4.8		6.9	3.0	2.1	1.6	2.0
7	2.4	3.1	2.9	4.2	4.2	3.2	4.6		6.9	3.1	2.1	1.7	1.8
8 9	2.3	12	2.6	4.5	e4.1	3.3	5.0		7.0	3.0	2.1	1.9	1.7
10	2.3	8.2 4.0	2.9	4.7 4.6	e4.1 4.1	3.4	5.7 6.5		e6.9 e6.6	2.9	2.0 1.9	1.7 1.6	2.0 1.5
	2.5	1.0	3.0	1.0		3.,	0.5			2.7	2.5	1.0	1.5
11	2.3	3.6	2.8	4.5	4.2	4.2	6.9		e6.5	2.9	1.9	2.0	1.4
12	2.3	3.7	3.0	4.4	4.0	4.8	6.8		e6.3	2.9	1.9	1.5	1.2
13	2.4	3.6	3.1	4.5	4.0	6.4	7.5		e6.2	2.8	1.8	1.0	1.1
14 15	2.3	3.5	3.3 2.3	4.6 4.3	3.9	7.1 9.5	6.5 6.8		e6.0 e5.8	2.8	1.8	1.8	1.1
13	2.2	3.3	2.5	4.5	3.0	5.5	0.0		63.0	2.7	2.0	2.1	1.2
16	2.4	3.1	2.9	4.1	3.9	6.6	6.9		e5.7	2.5	2.2	1.7	0.94
17	2.5	3.0	1.8	4.3	3.4	5.5	8.2		e5.6	2.5	2.1	1.1	1.3
18	2.5	2.9	2.0	4.4	3.2	4.9	9.1		e5.5	2.4	2.2	0.88	e1.6
19	2.3	2.9	2.6	4.5	3.5	4.7	8.7		e5.3	2.3	2.3	0.78	1.6
20	2.3	2.9	3.9	4.6	3.5	4.7	8.7		e5.2	2.5	2.3	0.83	1.7
21	2.3	3.0	4.4	4.8	3.3	4.9	8.1		e5.1	2.5	1.7	2.0	1.3
22	2.3	3.0	4.5	5.0	3.4	6.1	7.3		e5.0	2.5	1.5	3.4	1.1
23	2.3	3.0	e4.2	6.3	3.3	7.4	7.2		e4.8	2.9	1.5	2.5	1.0
24	2.3	2.9	e4.5	7.4	3.5	7.0	8.1		e4.7	3.2	1.7	2.2	0.94
25	2.3	2.9	e4.4	6.6	3.6	7.1	8.8		4.6	2.8	1.5	2.1	0.97
26	2.4	1.9	4.6	7.3	3.3	12	8.1		4.5	2.8	1.6	2.2	0.97
27	2.4	2.3	4.2	9.3	3.4	9.0	7.9		4.4	2.8	1.5	2.5	1.0
28	2.4	2.3	4.3	8.5	3.2	6.3	8.0		3.9	2.6	1.3	2.2	1.2
29	2.4	2.5	4.1	6.8		5.7	7.2		3.8	2.6	1.2	1.8	1.5
30	2.4	2.8	4.0	6.5		6.2	6.7		3.8	2.7	1.0	1.3	1.6
31	e2.4		4.1	7.6		7.4			3.9		1.0	1.2	
TOTAL	73.6	101.2	104.5	165.2	116.8	169.8	210.1	1	74.5	85.7	57.7	55.39	42.30
MEAN	2.37	3.37	3.37	5.33	4.17	5.48	7.00		5.63	2.86	1.86	1.79	1.41
MAX	2.6	12	4.6	9.3	8.7	12	9.1		7.0	3.8	2.5	3.4	3.2
MIN	2.2	1.9	1.8	3.4	3.2	2.9	4.6		3.8	2.3	1.0	0.78	0.94
AC-FT	146	201	207	328	232	337	417		346	170	114	110	84
STATIST	TICS OF M	ONTHLY MEA	N DATA I	FOR WATER Y	EARS 1961	- 2003	B, BY WAT	ER YE	AR (WY)				
MEAN	3.18	3.51	3.98	8.55	7.23	14.0	18.8		20.7	8.73	3.90	3.03	3.08
MAX	4.43	4.62	10.7	59.1	21.2	52.0	71.8		71.5	33.9	9.16	5.59	5.05
(WY)	1999	1999	1997	1997	1996	1995	1969		1969	1995	1969	1969	1969
MIN	2.32	2.15	2.25	2.23	3.06	4.32	5.75		3.46	2.09	1.83	1.73	
(WY)	1962	1962	1962	1962	1964	1964	2001		2001	2001	1961	1994	2003
SUMMAR	Y STATIST	TCS	FOR	2002 CALEN	IDAR YEAR		FOR 2003	WATE	R YEAR		WATER YEA	RS 1961 -	- 2003
	TOTAL			1225.7			1356				0.2	0	
ANNUAL	MEAN T ANNUAL !	MEAN		3.36	'		3	. /2			8.3		1060
	ANNUAL M										20.0	2	1969 2001
	T DAILY M			1.2	Nov 8		12		Nov 8		600	Jan 2	
	DAILY ME.				Jul 10			.78	Aug 19			8 Aug 19	
		Y MINIMUM			Jul 6				Sep 22			Sep 22	
	M PEAK FL				_				Nov 8		1360		
	M PEAK ST.								Mar 26			0 Jan 2	
ANNUAL	RUNOFF (AC-FT)		2430			2690				6080		
	CENT EXCE			5.1			6				17		
	CENT EXCE			3.1				. 1			4.1		
OO DED	CENT EXCE	EDS		1.8			1	. 6			2.4		

2.4

1.8

90 PERCENT EXCEEDS

e Estimated

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°50'42", long 119°42'13", in NW ¹/₄ SE ¹/₄ sec.2, T.11 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on left bank, at lower end of Horseshoe Bend, 2 mi east of Mud Lake Reservoir, 4.5 mi downstream from Bryant Creek, 7 mi southeast of Gardnerville, and at mi 99.90 upstream from Lahontan Dam.

DRAINAGE AREA.--356 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1890 to December 1893, October 1900 to December 1906 (gage heights only August to December 1904 and July 1905 to December 1906), January 1908 to December 1910, June to October 1917, December 1924 to September 1928, June to September 1929, October 1935 to December 1937, and May 1939 to current year.

REVISED RECORDS.--WSP 1214: 1938 (M), 1942-43 (M), 1945 (M). WSP 1514: 1909-10. WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,987.68 ft above NGVD of 1929. Prior to May 19, 1939, nonrecording gages at several sites within 2 mi of present site at various datums. Prior to July 20, 2001, at site 300 ft downstream and 2.57 ft lower.

REMARKS.--No estimated daily discharges. Records fair. Station is above all diversions in Carson Valley. Diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,300 ft³/ s, January 2, 1997, gage height, 13.00 ft; minimum daily, 11 ft³/ s, September 4, 1997.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/ s and maximum (*):

Bittitain	Dai	te	Time	Discharge (ft ³ / s)	Gage l	height ft)	D	ate	Time		scharge 3/ s)	
	May		0115	3170*		33*	2			er than base discl		
		DISCH	ARGE, CUBI	C FEET PER		TER YEA		2002 TO SEP	TEMBER 2	003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	57	79	107	258	106	482	272	1940	393	204	88
2	64	50	72	118	250	98	405	270	1910	361	186	95
3	64	60	69	129	200	104	345	276	1880	344	162	98
4 5	61 63	62 59	71 70	143 154	190 181	112 104	319 277	291 276	1880 1730	330 305	137 121	103 92
6	61	60	74	147	175	106	277	296	1600	290	112	88
6 7	58	66	74	147 139	174	106 109	277	312	1620 1580	274	113 115	88
8	56	301	64	147	146	110	285	325	1550	264	109	84
9	55	433	68	136	160	116	347	309	1580	246	101	83
10	55	182	73	138	157	121	396	307	1460	236	93	81
11	54	131	66	136	144	149	442	338	1330	224	87	77
12	55	118	64	131	132	174	510	425	1220	208	86	69
13	57	125	73	135	133	216	503	642	1130	197	85	66
14	58	116	91	133	132	274	430	882	1070	195	100	67
15	57	105	96	126	127	362	414	869	1060	182	101	65
16	57	99	79	121	133	292	391	1040	1030	172	98	62
17	56	94	51	124	121	249	370	1030	1030	166	114	63
18	57	89	66	127	115	223	385	1060	964	156	112	68
19	57	88	85	130	122	206	350	1070	897	168	120	73
20	57	88	123	133	117	213	364	1110	806	159	120	73
21	58	92	133	139	110	208	340	1350	731	153	133	71
22	58	96	97	143	113	233	315	1650	663	158	172	72
23	59	96	100	192	111	283	291	1860	613	167	132	72
24	59	91	101	247	114	296	319	1890	562	174	119	69
25	60	88	124	214	120	291	335	2000	521	148	111	67
26	61	75	117	220	109	401	314	1860	493	141	108	66
27	61	72	116	267	110	522	316	1950	482	132	108	67
28	61	72	144	299	107	372	315	2360	474	155	100	67
29	61	73	134	232		319	297	2540	461	177	97	6.5
30	61	78	118	215		331	272	2520	437	147	97	62
31	60		124	221		402		2130		131	87	
TOTAL	1814	3216	2813	5043	4061	7102	10662	33510	33104	6553	3628	2261
MEAN	58.5	107	90.7	163	145	229	355	1081	1103	211	117	75.4
MAX	64	433	144	299	258	522	510	2540	1940	393	204	103
MIN	53	50	51	107	107	98	256	270	437	131	85	62
AC-FT	3600	6380	5580	10000	8050	14090	21150	66470	65660	13000	7200	4480
STATIST	ICS OF MO	ONTHLY M	EAN DATA F	OR WATER	YEARS 1890	- 2003	3, BY WATE	ER YEAR (WY)				
MEAN	98.8	139	176	193	225	304	607	1198	1020	411	153	104
MAX	416	1110	1127	1789	947	1038	1140	2541	3056	1794	597	416
(WY)	1893	1951	1951	1997	1986	1986	1969	1890	1983	1890	1890	1893
MIN	31.2	37.9	34.0	31.9	31.1	67.8	185	205	138	62.9	29.5	19.4
(WY)	1989	1991	1901	1904	1903	1977	1977	1977	1992	1977	1977	1977
SUMMARY	STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER YEAR		WATER YEAR	S 1890	- 2003
ANNUAL	TOTAL			94729			113767					
ANNUAL	MEAN			260			312			381		
HIGHEST	ANNUAL I	MEAN								905		1893
	ANNUAL M									91.6		1977
	DAILY M			1440	May 18			May 29		17000		2 1997
	DAILY ME		.,	46	Sep 28			Nov 2		11		4 1977
	SEVEN-DAY		M	50	Sep 24		56			12		2 1977
	PEAK FLO						3170	-		20300		2 1997
	RUNOFF (187900			225700	.33 May 30		13.00 275700	Jan	∠ 1997
	ENT EXCE			733			874			1060		
	ENT EXCE			112			133			159		
	ENT EXCE			59			62			58		

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV-- Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955-72, 1977-84, 1990 to November 1996, February to September, 2002.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: November 1993 to September 1996, February to September, 2002.

WATER TEMPERATURE: July 1955 to June 1966, November 1966 to September 1972, November 1993 to September 1996, and February to September 2002.

INSTRUMENTATION.--Specific conductance monitor since November 1993 to September 1996, February to September 2002, hourly. Water temperature recorder July 1955 to June 1966 and November 1966 to September 1972 provided continuous recordings. Water temperature monitor November 1993 to September 1996 and February to September 2002, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum daily, 375 microsiemens/cm at 25°C, September 28, 29, 1994; minimum daily, 24 microsiemens/cm at 25°C, May 17, 1996.

WATER TEMPERATURE: Maximum daily, 29.5°C, August 7, 1960; minimum, -0.5°C, January 7, 15, 16, 2003.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum daily, 291 microsiemens/cm at 25°C, December 19; minimum daily, 34 microsiemens/cm at 25°C, June 13.

WATER TEMPERATURE: Maximum, 26.5°C, July 21, 22; minimum, -0.5°C, January 7, 15, 16.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEME	ER		DECEMB	ER		JANU	ARY
1	234	227	231				204	198	201	229	187	215
2	235	212	224				208	198	202	222	171	211
3	216	207	210				218	205	210	217	211	215
4	222	215	217				216	204	210	217	208	211
5	220	207	217				215	201	208	215	204	208
6	223	218	219				214	203	208	211	205	208
7	226	220	223				208	202	205	214	207	210
8	229	223	226				222	190	210	214	195	209
9	231	227	228				223	208	216	211	205	208
10	233	229	231				219	204	210	209	204	206
11	233	230	232				215	205	208	208	204	205
12							221	210	215	210	193	207
13							221	209	214	211	205	207
14							211	188	204	211	205	207
15							195	184	189	213	204	208
16							240	190	205	214	206	210
17							272	240	254	214	203	208
18							275	254	263	209	200	205
19							291	272	279	207	200	203
20							276	246	259	206	199	202
21							246	219	234	204	198	200
22							219	212	215	203	197	200
23							212	210	211	204	195	198
24							225	210	219	196	190	193
25							219	202	211	203	196	199
26							203	193	198	202	200	201
27				209	200	205	217	197	201	201	191	197
28				212	203	207	211	192	198	191	181	184
29				212	204	208	206	194	200	189	184	187
30				209	189	205	220	206	215	193	189	191
31							218	205	210			
MONTH							291	184	216			

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV-- Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2			FEBR	UARY		MAR	СН		APR	IL		1	YAN
2													
3													
A													
Fig.													
6													
The color of the	5							125	114	119	136	132	134
8 190 186 388 129 123 125 122 117 120 9 190 186 388 129 123 125 122 117 120 10 186 182 184 114 114 104 107 125 121 123 11 186 182 184 114 114 104 107 125 121 123 12 186 182 184 114 104 107 125 121 123 12 176 170 173 106 98 102 125 116 120 12 170 176 170 173 102 90 94 118 105 120 13 171 159 164 103 93 98 106 86 91 144 187 149 112 112 112 115 53 49 51 156 189 112 112 112 115 53 49 51 156 189 112 112 112 115 53 49 51 156 189 112 112 112 115 53 49 51 156 189 113 114 120 122 122 124 126 51 46 48 186 190 159 123 125 123 129 124 126 51 46 48 186 163 157 159 136 131 124 120 122 52 45 48 186 163 157 159 136 131 124 120 122 50 45 48 187 163 157 159 136 131 124 120 122 52 45 48 187 163 157 159 136 131 124 120 122 50 45 48 187 164 157 159 136 131 124 129 122 50 45 48 187 164 157 159 136 131 124 126 127 127 127 127 127 127 127 127 127 127	6							125	119	122	136	125	129
S	7				191	188	189	129	123				
10	8					186							
11	9				189	184	186	124	112	116	124	116	119
12	10				186	182	184	114	104	107	125	121	123
13	11				185	176	179	106	98	102	125	116	120
144 161	12				176	170	173	102	90	94	118	105	109
15	13				171	159	164	103	93	98	106	85	91
16													
17	15				149	132	142	121	112	115	53	49	51
17	16				154	133	144	124	120	122	52	45	4.8
18													
19													
21													
23	20				163	157	159	138	131	133	50	45	48
23													
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23 68 61 62 127 120 125 145 121 137 273 255 262 24 73 65 68 130 117 122 151 145 148 260 249 254 25 75 70 72 155 150 152 256 247 253 26 75 73 74 135 131 133 157 152 155 249 237 244 27 76 64 69 136 133 135 156 149 152 246 230 238 28 70 65 67 136 119 129 165 165 162 240 234 238 29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163 <	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	45 45 46 45 47 49 50 50 54 52 43 446 49 51	JUNI 39 39 39 38 39 42 41 36 37 40 42 44 47	42 42 42 41 43 45 45 42 43 43 40 42 44 46 49	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 123	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 141 144 140	106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240
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25 75 70 72 155 150 152 256 247 253 26 75 73 74 135 131 133 157 152 155 249 237 244 27 76 64 69 136 133 135 156 149 152 246 230 238 28 70 65 67 136 119 129 165 156 162 240 234 238 29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51	JUNH 39 39 39 39 38 39 38 39 34 42 41 34 36 37 40 42 44 47	42 42 42 41 43 45 45 42 43 44 44 46 49	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 123 124 123	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 159 141 144 140	106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137 137	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 138	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246	SEPTE 167 168 170 163 164 184 182 182 178 186 203 211 215 215 222 223 224 237 234	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257
26 75 73 74 135 131 133 157 152 155 249 237 244 27 76 64 69 136 133 135 156 149 152 246 230 238 28 70 65 67 136 119 129 165 156 162 240 234 238 29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	45 45 45 46 45 47 49 50 50 54 52 43 45 46 49 50	JUNI 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61	42 42 42 41 43 45 45 44 43 44 44 46 49	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 124 123 120	70 80 84 86 89 92 95 97 100 103 101 1100 97 110 115 110 116 124 125	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 141 144 140	106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 139 137 137	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 138	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 232 241 246 254 274 273	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262
27 76 64 69 136 133 135 156 149 152 246 230 238 28 70 65 67 136 119 129 165 156 162 240 234 238 29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	45 45 46 45 47 49 50 50 54 52 43 44 49 51	JUNI 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65	42 42 42 41 43 45 45 42 43 43 40 42 44 46 49 52 56 62 68	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 123 124 123 120 117	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125 128 126 125 122	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 141 144 140 150 150 145	106 111 121 133 142 148 148 146 150 151 161 167 152 149 153 139 137 137 137	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257
28 70 65 67 136 119 129 165 156 162 240 234 238 29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	45 45 46 45 47 49 50 50 54 52 43 44 49 51	JUNI 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65	42 42 42 41 43 45 45 42 43 43 40 42 44 46 49 52 56 62 68	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 123 124 123 120 117	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125 128 126 125 122	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 141 144 140 150 150 145	106 111 121 133 142 148 148 146 150 151 161 167 152 149 153 139 137 137 137	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257
29 69 64 67 126 100 116 165 162 163 244 225 239 30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 68 73 75	JUNI 39 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65 70	42 42 42 41 43 45 45 42 43 43 40 42 44 46 49 52 68 72	73 83 85 87 91 94 97 99 103 105 106 103 103 101 117 118 121 125 125 127 129 129 127 130	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 123 124 123 120 117	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 159 141 144 140 150 145 151	106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137 137 137 134 120 121 145	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 232 241 246 254 274 273 260 256	SEPTE 167 168 170 163 164 184 182 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253
30 70 65 67 127 112 122 163 159 161 267 244 254 31 136 125 130 168 159 163	1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 61 68 73 75 75	JUNI 39 39 39 39 38 39 34 41 34 36 37 37 40 42 44 47 50 53 61 65 70	42 42 42 41 43 45 45 42 43 40 42 44 46 49 52 56 62 68 72	73 83 85 87 91 94 97 99 103 105 106 103 103 101 117 118 121 125 125 127 129 129 127 130	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125 128 126 125 122 	136 121 134 142 149 154 155 162 167 172 173 172 154 159 159 151 150 150 151 155	106 111 121 133 142 148 148 146 150 151 167 167 152 149 153 139 137 137 137 134 120 121 145 150	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 138 139 131 137 148 152	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260 256	SEPTE 167 168 170 163 164 184 182 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247	MBER 168 171 171 168 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253
31 136 125 130 168 159 163	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 61 68 73 75 75	JUNI 39 39 39 39 38 39 34 42 41 34 36 37 40 42 44 47 50 53 61 65 70	42 42 42 41 43 45 45 42 43 40 42 44 46 49 52 56 62 68 72	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 125 127 129 129 127 130	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123 124 123	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125 128 126 125 122 	136 121 134 142 149 154 155 162 167 172 173 172 154 159 159 141 144 140 150 145 151 155	106 111 121 133 142 148 148 146 150 151 167 167 152 149 153 139 137 137 137 134 120 121 145 150	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138 137 148 152 155 148 152	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260 256	SEPTE 167 168 170 163 164 184 182 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253 2444 238 238
	1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 68 73 75 75 76 70 69	JUNI 39 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65 70 73 64 65 64	42 42 42 41 43 45 45 45 42 43 43 40 42 44 46 49 52 68 72 74 69 67 67	73 83 85 87 91 94 97 99 103 105 106 103 101 117 118 121 125 127 129 129 127 130 	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 124 123 120 117 131 133 119 100	70 80 84 86 89 92 95 97 100 103 101 100 97 110 115 110 116 124 125 128 126 125 122 	136 121 134 142 149 154 152 155 162 167 172 173 172 154 159 159 141 144 140 150 155 157 156 165	106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137 137 137 137 134 120 121 145 150	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 138 137 148 152 154	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 274 273 260 256 249 246 240 244	SEPTE 167 168 170 163 164 184 182 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247 237 234 225	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253 244 238 238
MONTH 173 106 148 274 163 216	1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 68 73 75 75 76 70 69 70	JUNI 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65 70 73 64 65 64 65	42 42 42 41 43 45 45 443 43 40 42 44 46 49 52 68 72 74 69 67 67 67	73 83 85 87 91 94 97 99 103 105 106 103 103 101 117 118 121 125 125 127 129 129 127 130 135 136 136 136 136 126 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 124 123 120 117 131 133 119 100 112	70 80 84 86 89 92 95 97 100 103 101 110 115 110 116 124 125 128 126 125 122 	136 121 134 142 149 154 155 162 167 172 173 172 154 159 159 141 144 140 150 155 157 156 165 165 163	AUGUSS 106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137 137 134 120 121 145 150 152 149 156 157	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138 139 131 137 148 152	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260 256 249 246 240 244 267	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247 237 230 234	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253 244 238 238 238 238 238
	1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	45 45 46 45 47 49 50 50 54 52 43 45 46 49 51 55 61 68 73 75 75 76 70 69 70	JUNI 39 39 39 38 39 42 41 34 36 37 40 42 44 47 50 53 61 65 70 73 64 65 64 65	42 42 42 41 43 45 45 443 43 40 42 44 46 49 52 68 72 74 69 67 67 67	73 83 85 87 91 94 97 99 103 105 106 103 103 101 117 118 121 125 125 127 129 129 127 130 135 136 136 136 136 126 127	JULY 68 72 83 84 87 90 93 95 98 99 100 98 96 92 95 113 95 95 123 124 123 120 117 131 133 119 100 112	70 80 84 86 89 92 95 97 100 103 101 110 115 110 116 124 125 128 126 125 122 	136 121 134 142 149 154 155 162 167 172 173 172 154 159 159 141 144 140 150 155 157 156 165 165 163	AUGUSS 106 111 121 133 142 148 146 150 151 161 167 152 149 153 139 137 137 134 120 121 145 150 152 149 156 157	117 118 127 137 144 150 150 149 152 154 163 169 170 161 153 155 149 140 140 138 139 131 137 148 152	169 174 174 173 184 187 186 184 187 196 203 213 217 219 223 228 232 241 246 254 274 273 260 256 249 246 240 244 267	SEPTE 167 168 170 163 164 184 182 178 186 196 203 211 215 215 222 223 226 227 234 237 248 255 249 247 237 230 234	MBER 168 171 171 168 173 187 184 183 184 189 198 207 213 216 218 224 228 229 233 240 245 257 262 254 253 244 238 238 238 238 238

10J07000 EAST FORK CARSON KLYEK MEAK OARDNERVILLE, 14 Y-- CUIRIIRICU

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN

		OC'	TOBER		NOVEM	BER		DECEMB	ER		JANU	JARY		
1	13.5	9.0	11.0				3.5	0.0	1.5	2.0	0.5	1.0		
2	13.5	7.5	10.0				4.5	0.0	2.0	4.5	1.0	2.5		
3	14.0	6.0	10.0				4.5	0.0	2.0	5.0	2.5	4.0		
4	14.0	11.0	12.0				5.0	0.5	2.5	6.0	2.5	4.0		7
5	16.0	8.0	12.0				4.0	0.0	2.0	5.0	2.0	3.5		
6	17.0	9.0	12.5				3.5	1.0	2.0	3.5	0.0	2.0		
7	17.5	9.0	13.0				4.5	0.0	2.0	3.0	-0.5	1.0		7
8	17.0	9.0					3.5	0.0	1.5	3.0	0.0	1.5		
9	17.0	9.0					4.0	0.0	2.0	4.5	2.0	3.0		
10	17.0	12.0	14.0				5.0	1.5	3.0	5.0	3.0	3.5		
11	15.0	9.5					4.5	0.5	2.5	4.0	2.0	3.0		
12							4.5	0.5	2.5	5.0	1.5	3.5		7
13							5.5	2.5	4.0	5.5	2.5	4.0		7
14							6.5	3.0	5.0	4.0	0.5	2.5		7
15							4.5	0.5	2.5	4.0	-0.5	2.0		
16							3.0	0.5	1.0	4.0	-0.5	1.5		T
17							2.0	0.5	1.0	4.0	0.0	2.0		7
18							1.0	0.5	0.5	4.5	0.0	2.5		7
19							0.5	0.5	0.5	5.0	0.5	2.5		
20							0.5	0.5	0.5	5.5	1.0	3.0		
21							1.0	0.5	0.5	5.5	2.0	4.0		
22							1.5	0.5	1.0	7.0	3.0	5.0		
23							3.0	0.5	1.0	7.5	4.5	5.5		
24							0.5	0.5	0.5	5.5	2.5	4.0		
25							0.5	0.5	0.5	7.5	3.5	5.5		
26							2.5	0.5	1.5	6.5	3.5	5.0		
26					0.0	1.5	7.0	2.0	4.0	7.0	4.5	5.5		
28					0.0	1.0	4.0	1.0	2.5	6.0	2.5	4.5		
28 29					0.0	0.5	3.0	0.5	1.5	5.5	2.5	4.0		
30					0.0	0.5	4.0	0.5	2.0	7.0	3.0	5.0		
31							3.5	0.5	2.0	7.0				
MONTH							7.0	0.0	1.9					
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
		FE	BRUARY		MA	ARCH		APR	ID1	AEAY (J	IN Tc (()Tj-22.264	↓1 -1.1698 T	DO Tc()Tj
						5			.0 4.					
						81.	0	4.0 40.5	1318	8.9(5 6.	.0 2	2)19.9(.0	3.0)]TJ32	2.2641 -1.1
				1.5	2.5									
				101.5		0 60.5	12	7.0	5 2.5	5.5				
2	29			8	2.5	5.5								
2	23 -			1218.9	(5 ;	2)18.090.0	5.071 204	-40		101	5 5	70.5	19.9(4.0)1

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV-- Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUN	Ε		JULY			AUGUS	Т		SEPTE	MBER
1	13.0	6.5	9.5	18.5	12.5	15.5	19.5	17.0	18.5	23.0	13.0	18.0
2	13.5	7.0	10.5	19.0	12.5	15.5	19.5	16.5	18.0	24.0	15.0	20.0
3	13.5	7.0	10.5	20.0	13.5	16.5	22.5	14.5	18.5	20.5	16.5	18.5
4	13.5	8.0	11.0	20.0	13.0	17.0	25.0	17.0	20.5	21.0	15.0	18.0
5	13.5	7.0	10.5	21.0	13.5	17.0	23.0	15.5	19.5	23.5	15.5	19.0
6	14.0	8.0	11.0	21.0	14.0	17.5	22.5	14.5	18.5	22.5	14.5	18.5
7	14.0	8.5	11.0	20.5	13.0	16.5	22.5	14.5	18.5	21.0	15.0	17.5
8	14.5	8.0	11.5	21.5	13.5	17.0	22.5	15.0	19.0	20.5	13.0	16.5
9	14.5	9.0	12.0	23.0	14.5	18.5	22.5	14.5	18.5	18.0	13.0	15.0
10	14.0	8.0	11.5	23.0	15.5	19.0	23.0	14.0	18.5	19.5	11.5	15.5
11	14.0	8.5	11.5	23.5	15.5	19.5	23.0	15.5	19.5	21.0	12.0	16.5
12	14.0	8.5	11.5	23.0	16.0	19.5	23.0	14.5	19.0	22.0	13.0	17.5
13	14.5	9.0	12.0	23.0	15.0	19.0	23.5	15.0	19.0	20.5	13.0	17.0
14	15.0	9.0	12.5	23.5	14.5	19.0	22.5	16.0	19.5	20.5	11.5	16.0
15	15.5	10.0	13.0	23.5	15.0	19.5	25.0	16.0	20.5	19.0	13.0	16.0
16	16.5	11.0	14.0	24.5	15.5	20.0	25.0	17.0	20.5	18.5	12.5	15.0
17	16.5	11.5	14.5	25.0	17.0	21.0	25.0	16.5	20.5	18.0	10.0	14.0
18	15.5	11.5	14.0	23.5	17.5	20.0	24.5	16.5	20.5	18.0	10.0	14.0
19	15.5	10.5	13.0	23.5	17.5	20.5	24.0	17.0	20.5	18.5	10.5	14.5
20	16.0	10.5	13.0	25.0	18.5	21.5	25.0	17.0	21.0	19.5	11.5	15.5
21	15.5	10.0	13.0	26.5	19.0	22.5	23.0	19.0	20.5	19.5	11.5	15.5
22	15.0	9.5	12.5	26.5	19.0	22.0	23.5	17.0	20.0	19.5	11.5	15.5
23	13.0	9.0	10.5	24.5	19.5	21.0	24.0	16.5	20.0	20.0	12.0	16.0
24	15.5	7.5	11.5	23.0	18.5	20.5	24.0	16.5	20.5	20.5	12.5	16.5
25	17.0	10.0	13.5				24.0	15.5	19.5	20.0	12.0	16.0
26	18.0	11.0	14.5	23.5	18.0	21.0	24.0	17.5	20.0	19.5	11.5	15.5
27	19.0	12.5	16.0	24.0	18.5	21.0	24.5	16.5	20.0	19.5	11.0	15.5
28	20.0	13.5	17.0	24.5	17.5	20.5	24.0	16.5	20.0	19.5	12.0	16.0
29	19.5	14.0	16.5	24.0	17.0	20.5	23.5	15.0	19.5	19.5	12.5	16.0
30	19.0	12.5	16.0	25.0	18.0	21.5	23.0	14.0	19.0	20.0	12.0	16.0
31				22.5	19.0	21.0	19.0	15.5	17.0			
MONTH	20.0	6.5	12.6				25.0	14.0	19.5	24.0	10.0	16.4

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6.64

25.4

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CARSON RIVER BASIN

10309010 EAST FORK CARSON RIVER NEAR DRESSLERVILLE, NV

LOCATION--Lat 38°52'42", long 119°41'18", in NE ¹/₄ NW ¹/₄ sec.25, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at Dresslerville Bridge, about 600 ft downstream from the old diversion dam, and about 2 mi southeast of Dresslerville.

DRAINAGE AREA .-- Not Determined.

PERIOD OF RECORD .-- Water years 1993 to 1995, 1997 to 1998, and 2000 to current year.

REMARKS.--In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Carson River Basin. Estimated discharge values are based on the East Fork Carson River near Gardnerville gaging station.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 Alkalinity. DisρH. Specif. wat flt Instan-Barosolved water, conductaneous metric Disoxygen, unfltrd tance. Temper-Temper-Sample dispressolved percent field, wat unf ature, ature, field, Date Time type charge, sure, oxygen, of satstd uS/cm air, water mg/L as units 25 deaC dea C cfs mm Ha ma/Ti uration dea C CaCO3 (00061) (00025) (00300) (00400) (00095) (00020) (00010) (00301) (39086) OCT 2002 17... 1055 ENVIRONMENTAL E56 636 10.6 114 7.6 230 20.0 10.4 69 NOV ENVIRONMENTAL E94 11.6 102 7.5 202 9.0 3.1 20... 1000 645 64 DEC 23.. ENVIRONMENTAL E94 635 100 7.5 0950 12.2 114 . 5 . 1 67 JAN 2003 23... 0945 ENVIRONMENTAL E187 639 10.9 101 8.0 181 14.0 4.8 66 FEB 25... 0945 ENVIRONMENTAL 100 8.0 3.8 63 MAR 24... 1000 ENVIRONMENTAL E300 635 10.1 102 7.8 141 17.0 7.7 51 APR 1020 ENVIRONMENTAL 10.2 100 7.6 E326 634 129 51 21... 6.4 MAY 21... 1210 ENVIRONMENTAL 1520 639 10 1 103 7.4 25 5 8.5 21... 1245 SEQUENTIAL REPLICATE 639 102 7.5 57 25.5 9.6 25 9.7 JUN ENVIRONMENTAL 593 638 9.1 101 7.8 75 27 24... 1145 11.8 JUL 23... 1015 FIELD BLANK 23... 1050 ENVIRONMENTAL E151 641 8.2 112 7.7 129 37.0 21.5 46 AUG ENVIRONMENTAL 18... 0945 E110 640 9.1 114 7.8 143 29.5 17.8 47 SEP 25... 1000 ENVIRONMENTAL E68 643 8.9 100 7.6 25.0 65 210 13.0 Bicar-Ammonia Nitrite Ortho-Partic-Inorbonate, phosganic Chlorwat flt org-N, Ammonia nitrate Nitrite Phoscarbon, phate, nitrocarbon, phorus, ide, incrm. Sulfate water water, water water. water, gen, suspnd suspnd titr., water. water. unfltrd fltrd. fltrd. fltrd. fltrd. susp, water. sedimnt sedimnt fltrd. Date field. fltrd. mg/L mg/L mg/L mg/L mg/L water. unfltrd total. total. as N as P as N as N as N mg/L mg/L mg/L mg/L mg/L mg/L mg/L (00665) (00453) (00940) (00945) (00625) (00608) (00631) (00613) (00671) (49570) (00694) (00688) OCT 2002 31.0 17... 84 8.60 E.08 < .04 < .06 <.008 < .02 < .02 .013 . 2 < .1 NOV 20... 79 7.28 E.08 E.01 < .1 23.6 < .04 < .06 < .008 < .02 .017 DEC 23... 82 6.80 27.2 .10 < .04 < .06 < .008 < .02 .04 .024 . 3 < .1 JAN 2003 23... 80 4.52 22.3 .11 < .04 <.06 <.008 E.01 .09 .039 .6 <.1 FEB 25... 76 4.93 19.6 E.09 < .04 < .06 <.008 E.01 < .02 .018 < .1 < .1 MAR 24... 62 2.62 13.2 .12 < .04 < .06 < .008 E.01 .07 .034 . 5 < .1 APR 62 2.06 11.0 .15 < .04 < .06 <.008 . 3 < .1 MAY 21... 30 .79 3.0 .51 < .04 < .06 <.008 < .02 .31 .23 3.8 < .1 21... 30 .79 3.0 .44 < .04 < .06 <.008 < .02 .34 .23 4.6 < . 1 JUN 4.8 E.10 E.01 .02 . 5 < .1 JUL 23... < .10 <.04 < .06 <.008 < .02 <.02 <.004 <.1 < . 1 23... 56 3.46 10.8 E.09 < .04 < .06 < .008 E.01 .06 .032 . 4 < .1 AUG < .04 < .06 < .008 . 6 < .1

<.06

<.008

< .02

.06

.025

. 4

< .1

10309010 EAST FORK CARSON RIVER NEAR DRESSLERVILLE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	suspnd sedimnt total,	Organic carbon, water, fltrd, mg/L	ment concen- tration mg/L	pended sedi- ment load, tons/d	percent <.063mm
OCT 2002					
17 NOV	. 2		12	E2	84
20 DEC	<.1		2	E1	69
23 JAN 2003	. 3	3.3	10	E3	82
23 FEB	.6	1.7	14	E7	44
25 MAR	<.1	1.5	1	< .4	56
24 APR	. 5	2.4	12	E10	70
21 MAY	. 3	2.4	9	E8	76
21	3.8	3.3	176	722	54
21 JUN	4.6	3.5	158		54
24 JUL	. 5	2.3	22	35	44
23	<.1	E.2			
23 AUG	. 4	1.3	9	E4	83
18 SEP	.6	2.1	10	E3	85
25	. 4	1.6	6	E1	18

Remark codes used in this report: < -- Less than E -- Estimated value

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA

LOCATION.--Lat 38°46'11", long 119°49'58", in NW \(^1/_4\) SE \(^1/_4\) sec.34, T.11 N., R.19 E., Alpine County, Hydrologic Unit 16050201, in Toiyabe National Forest, on left bank, 0.3 mi downstream from bridge on State Highway 88-89, 0.6 mi southwest of Woodfords, 3.8 mi downstream from Willow Creek, and at mi 21.17 from mouth.

DRAINAGE AREA.--65.4 mi².

PERIOD OF RECORD.--October 1900 to May 1907, 1910-11 (fragmentary), October 1938 to current year. January 1890 to March 1892, June 1907 to September 1920 (except parts of 1910-11), at site 0.7 mi downstream; records not equivalent owing to diversions for irrigation.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,754.5 ft above NGVD of 1929. Prior to October 1, 1938, nonrecording gage at about the same site at different datum. October 1, 1938, to November 11, 1958, water-stage recorder at same site at datum 1.02 ft lower. November 13, 1958, to January 30, 1963, water-stage recorder at site 150 ft downstream at datum 3.06 ft lower. January 1997 flood, channel changed course upstream and existing site unusable. Gage moved 200 ft upstream March 1997 at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. One small diversion above station for irrigation. Flow slightly regulated by several small reservoirs, total capacity, about 1,500 acre-ft. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,100 ft³/ s, January 1, 1997, gage height, 15.36 ft (present location); minimum daily, s, September 2, 1997.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 11, 1937, reached a stage of 8.0 ft, at different datum, from floodmarks, discharge, 3,500 ft³/s, on basis of slope-area measurement of peak flow.

Estimated

10310400 DAGGETT CREEK NEAR GENOA, NV

 $LOCATION.-Lat~38^{\circ}57'55", long~119^{\circ}50'55", in~SW~^{1}/_{4}~NE~^{1}/_{4}~sec. 28, T.13~N., R.19~E., Douglas~County,~Hydrologic~Unit~16050201, in~Haines~Canyon~on~left~bank,~0.55~mi~upstream~from~Foothill~Road,~and~3.5~mi~southwest~of~Genoa.$

DRAINAGE AREA.--3.82 mi².

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site). October 1965 to September 1983, December 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,100 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No diversions above station. Intermittent pumping of effluent from Lake Tahoe Basin by Douglas County Sewer Improvement District No. 1, occurred from February 1969 to November 1971. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63 ft 3 / s, August 5, 1971, gage height, 2.78 ft; minimum daily, 0.38 ft 3 / s, October 9, 1979.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5.0 ft³/s and maximum (*):

				Discharge Ga	age height				harge Gag	ge height		
		Date	Time	(ft^3/s)	(ft)		Date	Time $(ft^3/$		(ft)		
		Nov 08	1630	8.2	1.12		Aug 21	1830 *1	5.0	*1.37		
		DISC	HARGE, C	UBIC FEET PE		WATER Y		R 2002 TO 8	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.4	1.2	1.3	1.6	1.3	1.4	1.3	1.2	1.0	1.6	0.74
2	1.1	1.4	1.2	1.4	1.4	1.2	1.4	1.3	1.1	1.0	1.5	0.74
3	1.1	1.4	1.2	1.4	1.3	1.2	1.3	1.3	1.1	1.0	1.2	0.77
4	1.2	1.4	1.2	1.5	1.3	1.3	1.4	1.3	1.0	1.0	1.3	0.83
5	1.2	1.3	1.2	1.5	1.3	1.2	1.3	1.3	1.00	1.0	1.2	0.66
6	1.1	1.4	1.1	1.4	1.3	1.2	1.2	1.3	0.96	1.0	1.2	0.71
7	1.1	1.6	1.1	1.4	1.3	1.2	1.2	1.3	0.94	1.0	1.2	0.69
8	1.1	5.7	1.1	1.3	1.2	1.2	1.3	1.3	0.94	1.0	1.1	0.57
9	1.1	2.1	1.1	1.4	1.3	1.2	1.3	1.3	1.4	1.0	0.98	0.57
10	1.1	1.6	1.1	1.4	1.3	1.2	1.3	1.3	1.1	0.96	0.96	0.57
11	1.1	1.4	0.96	1.3	1.2	1.2	1.3	1.3	0.97	0.95	0.94	0.56
12	1.1	1.5	0.88	1.3	1.2	1.2	1.4	1.3	0.92	0.95	0.96	0.54
13	1.1	1.4	1.1	1.4	1.3	1.4	1.7	1.3	0.92	0.95	0.95	0.56
14	1.1	1.4	1.2	1.3	1.2	1.4	1.6	1.3	0.92	0.99	0.85	0.56
15	1.1	1.4	1.3	1.3	1.2	1.8	1.6	1.3	0.91	0.97	0.84	0.57
16	1.1	1.4	1.3	1.3	1.2	1.5	1.5	1.3	0.89	0.94	0.84	0.56
17	1.1	1.3	1.3	1.3	1.2	1.7	1.4	1.2	0.87	0.92	0.84	0.63
18	1.1	1.3	1.2	1.3	1.2	1.6	1.3	1.2	0.87	0.93	0.82	0.67
19	1.1	1.2	1.2	1.3	1.2	1.6	1.3	1.2	0.89	0.91	0.74	0.63
20	1.1	1.2	1.2	1.3	1.2	1.7	1.4	1.2	0.91	0.91	0.74	0.60
21	1.2	1.3	1.2	1.3	1.2	1.6	1.5	1.2	0.94	0.90	1.9	0.60
22	1.2	1.3	1.2	1.4	1.2	1.7	1.4	1.3	0.94	0.88	1.9	0.61
23	1.2	1.3	1.2	1.6	1.2	1.7	1.4	1.3	1.2	0.93	0.84	0.63
24	1.2	1.3	1.2	1.7	1.2	1.5	1.5	1.4	1.2	0.97	0.76	0.61
25	1.2	1.3	1.2	1.6	1.2	1.4	1.4	1.5	1.1	0.99	0.77	0.59
26	1.2	1.3	1.2	1.6	1.2	1.6	1.5	1.4	1.1	1.3	0.78	0.60
27	1.3	1.2	1.4	1.7	1.2	1.4	1.3	1.4	1.0	1.1	0.77	0.48
28	1.2	1.2	1.4	1.6	1.2	1.4	1.3	1.5	1.0	1.1	0.76	0.47
29	1.2	1.2	1.3	1.4		1.4	1.3	1.5	1.00	0.94	0.75	0.46
3 0	1.3	1.2	1.3	1.5		1.4	1.3	1.4	1.0	0.87	0.70	0.47
31	1.3		1.4	1.5		1.4		1.3		1.00	0.74	
TOTAL	35.7	45.4	37.14	44.0	35.0	43.8	41.5	40.8	30.29	30.36	31.43	18.25
MEAN	1.15	1.51	1.20	1.42	1.25	1.41	1.38	1.32	1.01	0.98	1.01	0.61
MAX	1.3	5.7	1.4	1.7	1.6	1.8	1.7	1.5	1.4	1.3	1.9	0.83
MIN	1.1	1.2	0.88	1.3	1.2	1.2	1.2	1.2	0.87	0.87	0.70	0.46
AC-FT	71	90	74	87	69	87	82	81	60	60	62	36
STATIST	ICS OF MC	NTHLY MEA	N DATA	FOR WATER Y	EARS 1966	- 2003	, BY WATE	R YEAR (WY	<i>(</i>)			
MEAN	1.36	1.66	1.56	1.85	1.84	2.06	2.12	2.48	2.30	1.75	1.53	1.33
MAX	3.48	3.49	3.64	5.82	3.72	3.86	3.38	4.73	6.84	5.30	7.29	4.20
(WY)	1970	1969	1971	1997	1970	1970	1997	1967	1983	1969	1969	1970
MIN	0.69	0.83	0.77	0.98	1.04	1.06	1.10	0.98	0.68	0.51	0.56	0.56
(WY)	1980	1980	1993	1989	1991	1977	1994	1990	1994	1994	1994	1979
SUMMARY	STATISTI	CS	FOF	2 2002 CALEN	DAR YEAR		FOR 2003	WATER YEAR	R	WATER YEA	ARS 1966	- 2003
ANNUAL	ጥ ርምአ፣			434.38			433.	67				
ANNUAL HIGHEST LOWEST		AN		1.19			1.	.19 .7 Nov 8	0	0.9	57 95	
LOWEST ANNUAL	DAILY MEA	AN MINIMUM		0.81	Nov 8 Aug 2 Aug 11		0.	.46 Sep 29 .53 Sep 24 Aug 23 .37 Aug 23	9 4	0.3	Jan 38 Oct 45 Jun 2 Aug	9 1979 9 1994
	PEAK STA			862			1. 860	37 Aug 21	1	1340	78 Aug	5 1971
	ENT EXCEE			1.5			1.	. 5		3.3		
50 PERC	ENT EXCEE	DS		1.1				. 2		1.5	5	
90 PERC	ENT EXCEE	DS		0.96			0.	. 77		0.8	38	

10310407 CARSON RIVER NEAR GENOA, NV

 $LOCATION.--Lat~39^{\circ}00'45",~long~119^{\circ}49'48",~in~SW~^{1}/_{4}~SE~^{1}/_{4}~sec.03,~T.13~N.,~R.19~E.,~Douglas~County,~Hydrologic~Unit~16050201,~on~right~bank,~0.2~mi~below~confluence~of~Carson~River~and~Brockliss~Slough,~and~1~mi~northeast~of~Genoa.$

DRAINAGE AREA.-- 672 mi².

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,670 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. Many diversions for irrigation above station. Intermittent pumping above gage for Genoa Lakes Golf Course. See schematic diagram of Carson River Basin.

 $EXTREMESFOR PERIODOFRECORD. -- Maximum discharge, about 3,000 ft^3 / s, May 29,2003, gage height, unknown; minimum daily, 6.8 ft^3 / s, October 3, 2001. \\$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, about 3,000 ft³/ s, May 29, gage height, unknown; minimum daily, $10 \, \text{ft}^3$ / s, several days in August.

		DISCH	ARGE, CUI	BIC FEET PI		WATER Y MEAN V		R 2002 TO 8	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	e56	102	191	306	147	381	182	e2150	91	38	e12
2	e13	e55	99	152	349	151	345	121	2010	73	47	e13
3	e17	e51	92	152	311	149	338	111	1960	68	44	e17
4	e18	e47	90	157	287	157	312	128	1830	68	47	e19
5	e17	e56	93	162	269	154	301	140	1730	71	28	e23
6 7	e16	e48	92	160	253	150	288	149	1510	68	e27	e27
	e17	e62	96	150	245	151	262	140	1470	69	e26	e29
8	e18	e130	91	146	225	154	233	137	1460	70	e19	e27
9 10	e17 e17	e600 e375	87 87	150 151	214 219	160 164	237 291	155 147	1460 1330	61 e51	e12 e11	e24 e19
10	617	6373	0 /	131	213	104	201	147	1330	631	611	613
11	e16	e252	81	149	219	177	300	147	1160	e42	e10	e17
12	e18	e203	75	142	206	201	349	162	1040	e35	e10	e15
13	e22	e190	75	139	204	225	428	325	900	e31	e10	e13
14	e29	172	87	139	208	276	532	606	794	e33	e10	e13
15	e25	154	138	136	201	311	427	684	727	e27	e11	e17
16	e22	144	237	131	212	335	415	886	612	e25	e11	e19
17	e32	138	294	133	206	282	395	959	577	e20	e10	e16
18	e32	131	146	131	192	253	362	957	450	e23	e10	e16
19	e32	126	124	137	183	223	333	994	315	e22	e12	e15
2.0	e26	125	137	140	178	217	337	997	268	e25	e14	e13
20	620	123	137	110	170	211	33,	55,	200	623	CII	013
21	e24	127	119	143	171	210	333	1220	228	e27	e12	e14
22	e26	129	131	144	165	216	290	1550	189	e25	e29	e13
23	e30	128	130	174	158	231	253	2030	e170	e23	e50	e12
24	e34	121	e105	248	159	267	242	e2040	163	e23	e26	e12
25	e38	116	e105	239	165	242	277	2170	149	e20	e17	e13
	4.0				4.50			0.050				
26	e43	115	132	231	158	262	266	2060	139	18	e12	e14
27 28	e48 e54	105 102	201 283	259 323	151 149	511 429	244 266	1980 2110	137 156	17 17	e11 e10	e15 e15
28	e62	102	190	288	149	367	239	e2430	151	2.8	e10 e10	e15
		99										
30 31	e54 e56	99	159 229	260 260		344 366	212	e2630 e2630	122	36 26	e11 e12	e15
31	e56		229	260		300		e2630		26	e12	
TOTAL	885	4258	4107	5517	5963	7482	9488	30977	25357	1233	613	501
MEAN	28.5	142	132	178	213	241	316	999	845	39.8	19.8	16.7
MAX	62	600	294	323	349	511	532	2630	2150	91	50	29
MIN	11	47	75	131	149	147	212	111	122	17	10	12
AC-FT	1760	8450	8150	10940	11830	14840	18820	61440	50300	2450	1220	994
STATIST	ICS OF MO	NTHLY MEA	N DATA F	OR WATER Y	YEARS 2002	- 2003	B, BY WATE	ER YEAR (W)	7)			
MEAN	19.2	106	133	178	176	222	434	826	613	30.9	16.3	14.5
MAX	28.5	142	134	178	213	241	552	999	845	39.8	19.8	16.7
(WY)	2003	2003	2002	2003	2003	2003	2002	2003	2003	2003	2003	2003
MIN	9.82	70.2	132	178	138	203	316	653	380	22.1	12.8	12.4
(WY)	2002	2002	2003	2002	2002	2002	2003	2002	2002	2002	2002	2002
SUMMARY	STATISTI	CS	FOR	2002 CALEI	NDAR YEAR		FOR 2003	WATER YEAR	2	WATER YEAR	RS 2002 -	- 2003
ANNUAL 7	TOTAT:			74566			96381					
ANNUAL N				204			264			230		
	ANNUAL M	EΔN		204			204			264		2003
	ANNUAL ME									197		2002
	DAILY ME			1170	Apr 15		2630	May 3)	2630	May 3	
	DAILY MEA			10	Sep 10		10	Aug 1		6.8	Oct 3	
		MINIMUM		11	Sep 17		10	Aug 1		7.0	Oct 2	
	PEAK FLO				CCP 1/		3000	May 29		3000	May 29	
	RUNOFF (A			147900			191200	nay 2	-	167000	ray 2	. 2003
	ENT EXCEE			602			550			589		
	ENT EXCEE			127			140			131		
	ENT EXCEE			12			15			12		
20 1 11101							1.0					

e Estimated

10310447 AMBROSETTI POND NEAR GENOA, NV

LOCATION.--Lat 39°02'31", long 119°47'01", in SW $^{1}/_{4}$ SW $^{1}/_{4}$ sec. 30, T.14 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on right bank, 20 ft upstream of outlet gate structure, and 4.3 mi northeast of Genoa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,660 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Carson River Basin.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 6.07 ft, January 28; no contents in pond, October 16 to 26.

			GAGE H	EIGHT, FEE		YEAR OCTOB Y MEAN VAI) SEPTEMBE	R 2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.05	3.67	4.73	4.26	4.34	3.91	5.06	4.57	5.43	5.38	5.39	5.30
2	2.98	3.76	4.75	4.39	4.61	3.98	5.04	4.64	5.70	5.22	5.45	5.16
3	2.92	3.87	4.80	4.43	4.80	4.07	5.17	4.85	5.59	4.91	5.53	4.97
4	2.85	3.99	4.85	4.41	4.94	4.22	5.59	5.38	5.38	4.57	5.52	4.85
5	2.79	4.14	4.91	4.32	4.99	4.64	5.76	5.61	5.10	4.27	5.19	4.89
6	2.72	4.38	4.96	4.19	5.02	5.03	5.75	5.54	4.82	4.24	4.73	4.82
7	2.65	4.61	4.99	4.01	4.94	5.34	5.62	5.57	4.72	4.36	4.14	4.72
8	2.59	4.84	4.94	3.89	4.84	5.11	5.26	5.67	4.61	4.50	3.08	4.56
9	2.53	4.75	4.88	4.16	4.69	4.81	4.80	5.56	4.48	4.42	2.62	4.48
10	2.47	4.35	4.81	4.41	4.72	4.33	4.25	5.34	4.74	4.24	3.03	4.39
11	2.40	3.65	4.69	4.60	4.94	3.85	4.06	5.13	4.80	3.83	3.27	4.38
12	2.34	2.63	4.61	4.75	5.13	4.14	4.16	5.17	4.77	3.34	3.27	4.27
13	2.29	3.25	4.58	4.86	5.14	4.42	4.63	5.33	4.63	2.96	3.29	4.13
14	2.23	3.56	4.63	4.95	5.13	4.72	5.80	5.62	4.37	3.16	3.37	4.01
15	2.17	3.73	4.81	5.02	5.11	5.00	5.66	5.75	3.65	3.57	3.55	3.93
16		3.88	5.19	5.06	5.10	5.15	5.38	5.70	3.64	3.92	3.64	3.85
17		4.11	5.61	4.98	5.11	4.99	5.38	5.84	3.69	4.10	3.70	3.76
18		4.30	4.53	4.83	5.02	4.79	5.24	5.83	3.80	4.30	3.67	3.65
19		4.48	2.98	4.57	4.94	4.46	5.18	5.62	3.83	4.58	3.71	3.56
20		4.65	3.54	4.27	4.85	3.59	4.83	5.15	3.84	4.78	3.68	3.49
21		4.84	3.54	3.93	4.70	3.30	4.60	3.82	4.05	4.89	3.73	3.43
22		4.99	3.48	3.66	4.41	3.39	4.42	3.80	4.29	4.97	4.07	3.37
23		5.24	3.47	3.50	4.14	3.81	4.04	3.62	4.73	5.05	4.21	3.31
24		5.39	3.67	3.81	3.87	3.84	4.15	3.10	5.22	5.14	4.32	3.26
25		5.39	3.84	4.19	3.66	3.25	3.52	3.49	5.45	5.26	4.47	3.22
26		5.35	4.02	4.53	3.53	3.40	3.37	3.93	5.58	5.28	4.61	3.18
27	2.61	5.23	4.29	5.09	3.64	3.87	3.65	4.51	5.54	5.28	4.73	3.14
28	3.12	5.10	5.27	5.91	3.78	4.34	4.15	4.91	5.45	5.30	4.84	3.12
29	3.42	4.96	5.74	5.36		4.78	4.40	5.21	5.40	5.40	5.07	3.07
30	3.55	4.83	5.07	4.63		5.01	4.59	5.25	5.40	5.40	5.38	3.02
31	3.61		4.52	4.09		5.05		5.28		5.37	5.40	
MAX		5.39	5.74	5.91	5.14	5.34	5.80	5.84	5.70	5.40	5.53	5.30
MIN		2.63	2.98	3.50	3.53	3.25	3.37	3.10	3.64	2.96	2.62	3.02

10310448 AMBROSETTI POND OUTLET NEAR GENOA, NV

 $LOCATION.--Lat~39^{\circ}02'32'',~long~119^{\circ}47'00'',~in~SW~^{1}/_{4}~SW~^{1}/_{4}~sec. 30,~T.14~N.,~R.20~E.,~Douglas~County,~Hydrologic~Unit~16050201,~on~right~gate~of~outlet~structure,~and~4.3~mi~northeast~of~Genoa.$

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,660 ft above NGVD of 1929, from topographic map. Prior to October 1, 1995 at same site at datum 3.83 higher.

REMARKS.--Records fair. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown due to uncontrolled releases on many occasions; no flow at times most years.

 $EXTREMES FOR CURRENT YEAR. -- Maximum \ discharge, 61 \ ft^{3} \\ \hspace*{0.5cm} s, December \ 17-19; no \ flow, October \ 1 \ to \ November \ 6 \ and \ September \ 15-30.$

		DISC		BIC FEET PE	ER SECOND		EAR OCTOBER	2002 TO SE		2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	6.5	28	14	4.4	4.7	7.6	18	16	8.9	4.0
2	0.00	0.00	5.4	19	14	4.4	6.4	7.6	23	16	8.9	4.0
3	0.00	0.00	5.4	19	14	4.4	6.4	7.6	34	16	8.9	4.0
4	0.00	0.00	5.4	19	14	4.4	9.4	9.6	34	17	12	4.8
5	0.00	0.00	5.4	19	14	4.4	14	14	34	17	18	4.9
6 7	0.00	0.00	5.4 6.0	19 19	15 15	4.4	17 17	20 20	31 29	17 17	19 19	4.9
8	0.00	10	6.4	16	15	15	17	20	29	17	19	4.9
9	0.00	19	6.4	13	14	15	17	20	29	17	19	4.9
10	0.00	19	6.4	13	13	15	15	20	29	17	19	3.2
11	0.00	19	6.4	13	13	11	8.1	20	31	16	19	0.53
12	0.00	12	6.4	13	14	5.4	4.0	20	33	13	17	0.53
13	0.00	0.52	6.4	13	15	5.4	4.0	20	33	9.5	13	0.53
14	0.00	0.83	6.4	13	15	6.1	17	20	33	1.9	13	0.16
15	0.00	0.83	6.4	13	14	10	47	20	29	1.9	13	0.00
16	0.00	0.43	9.3	14	14	16	47	23	14	1.9	13	0.00
17	0.00	0.05	36	15	14	22	47	27	13	1.9	13	0.00
18	0.00	0.05	61	15	14	22	47	32	13	1.9	13	e0.00
19	0.00	0.05	28	15	14	23	47	40	13	1.9	13	e0.00
20	0.00	0.05	13	15	14	18	47	47	13	1.9	9.1	e0.00
21	0.00	0.36	13	15	14	14	43	40	13	2.1	0.31	e0.00
22	0.00	1.0	13	13	13	11	34	21	13	2.2	0.31	e0.00
23	0.00	1.8	11	11	12	8.9	27	21	13	2.2	0.31	e0.00
24	0.00	3.7	8.2	8.2	11	8.9	21	18	15	2.2	0.31	e0.00
25	0.00	5.4	8.2	8.2	8.9	6.0	15	14	16	3.6	0.31	e0.00
26	0.00	6.2	8.2	8.2	7.1	0.67	7.6	14	16	4.4	0.31	e0.00
27	0.00	7.6	8.2	8.2	4.4	0.67	7.6	14	16	4.4	0.31	e0.00
28	0.00	7.7	11	20	4.4	0.67	7.6	14	16	4.4	0.31	e0.00
29	0.00	8.2	24	31		0.54	7.6	16	16	6.2	0.31	e0.00
30	0.00	8.2	37	32		1.4	7.6	18	16	8.9	2.0	e0.00
31	0.00		37	24		2.2		18		8.9	4.0	
TOTAL	0.00	133.27	416.8	501.8	357.8	275.05	617.0	623.4	665	268.3	296.59	46.25
MEAN	0.000	4.44	13.4	16.2	12.8	8.87	20.6	20.1	22.2	8.65	9.57	1.54
MAX	0.00	19	61	32	15	23	47	47	34	17	19	4.9
MIN	0.00	0.00	5.4	8.2	4.4	0.54	4.0	7.6	13	1.9	0.31	0.00
AC-FT	0.00	264	827	995	710	546	1220	1240	1320	532	588	92
STATIST	rics of I	MONTHLY ME	AN DATA F	OR WATER Y	ZEARS 19	92 - 2003	B, BY WATER	YEAR (WY)				
MEAN	8.77	14.4	13.1	22.1	15.6	14.4	15.5	20.1	23.6	7.58	4.32	2.75
MAX	29.3	36.2	34.2	81.6	34.1	29.7	28.8	42.3	50.6	15.6	10.4	10.8
(WY)	1999	1997	1997	1997	1998	1995	1997	1996	1997	1995	1998	1998
MIN	0.000	2.13	2.24	2.02	1.76	1.61	0.58	0.53	7.00	0.53	0.046	0.000
(WY)	2002	1993	1993	1993	1993	1993	1993	1993	1994	1994	2001	1994
SUMMARY	Y STATIS'	TICS	FOR	2002 CALE	NDAR YEA	R	FOR 2003 W	ATER YEAR		WATER YE	ARS 1992 -	2003
ANNUAL	TOTAL			3076.62	2		4201.2	6				
ANNUAL	MEAN I ANNUAL	MEAN		8.43	3		11.5			14. 26.		1997
	ANNUAL ANNUAL									26. 7.		2002
	ANNUAL I DAILY I			61	Dec 1	R	61	Dec 18		200	Jan 27	
	DAILY M			0.00		8	0.0			0.		
		AY MINIMUM		0.00		8	0.0			0.		
	RUNOFF			6100	. 5		8330			10450		
	CENT EXC			25			24			30		
	CENT EXC			5.4			9.8			10		
90 PERO	CENT EXC	EEDS		0.00)		0.0	0		0.	00	

e Estimated

10310500 CLEAR CREEK NEAR CARSON CITY, NV

 $LOCATION.--Lat\ 39^{\circ}06'48", long\ 119^{\circ}47'50", in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.1, T.14\ N., R.19\ E., Douglas\ County,\ Hydrologic\ Unit\ 16050201, on\ left\ bank,\ 3\ mi\ upstream\ from\ mouth,\ and\ 3.5\ mi\ southwest\ of\ Carson\ City.$

DRAINAGE AREA.--15.5 mi²

PERIOD OF RECORD.--March 1948 to September 1962, occasional low-flow measurements, water years 1963-1988, and annual maximum, water years 1963-1981, January 1989 to current year.

GAGE.--Water-stage recorder and sharp crested weir. Elevation of gage is 5,000 ft above NGVD of 1929, from topographic map.

REMARKS.-- Records good except for estimated daily discharges, which are poor. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 266 ft 3 / s, January 2, 1997, gage height, 3.94 ft; minimum daily, 0.42 ft 3 / s, August 3, 1992.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8 ft³/ s and maximum (*):

					Discharge	Gage height			Discharge	Gage height			
			Date		(ft^3/s)	` /	Da			(ft)			
			Nov 08	1545	*14	*1.66	Jan		12	1.57			
		DISC	CHARGE,	CUBIC	FEET PER		WATER YEAR MEAN VALU		2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DE	C	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	2.4	e3.0		4.4	6.7	4.8	5.3	5.1	3.9	2.3	1.9	1.8
2	2.0	2.5 2.7	e3.0 e3.0		4.6	6.3 5.9	4.7	5.2 5.3	5.2 5.3	3.7	2.3	2.1	1.7
4	2.1	2.7	e3.0		5.1	5.7	4.8	5.3	5.5	3.3	2.2	1.9	1.7
5	2.2	2.7	e3.0		5.3	5.5	4.7	5.0	5.1	3.1	2.2	1.8	2.0
6	2.1	2.6	e3.0		5.1	5.3	4.6	5.0	5.2	2.9	2.2	1.8	1.8
7	2.1	2.8	e2.9		4.7	5.2	4.6	4.8	5.1	2.8	2.2	1.7	1.7
8	2.1	10	e2.9		4.7	5.3	4.6	5.0	5.1	2.7	2.1	1.7	1.8
9	2.1	6.6	e2.9		5.2	5.1	4.6	5.0	5.0	2.7	2.1	1.7	1.8
10	2.0	6.3	e3.0		e5.1	5.1	4.6	4.9	5.1	2.5	2.0	1.7	1.9
11	2.0	4.7	e3.2		5.1	5.0	4.8	4.9	5.0	2.5	2.0	1.7	1.9
12	2.0	4.3	3.6		5.1	5.0	4.9	5.2	4.8	2.5	2.0	1.6	1.9
13	2.1	4.1	3.8		5.5	5.3	5.0	6.8	4.9	2.4	1.9	1.7	1.9
14 15	2.0	4.0 3.9	4.0		5.3 4.9	5.2 5.0	5.3 6.1	6.3 5.9	5.1 5.3	2.4	1.7 1.7	1.6 1.6	1.9 2.0
1.0	0 0	2 0	4 2		4 0	F 2	F 2		F 1	0 0	1 0	1 6	1 0
16 17	2.0	3.8 e3.3	4.3		4.8	5.3 5.2	5.3 5.2	5.6 5.6	5.1 4.8	2.3	1.8	1.6	1.8
18	2.0	e3.3	4.3		5.0 5.2	5.1	5.1	5.4	4.8	2.1	1.7	1.6	1.9 1.9
19	2.0	e3.2	4.4		5.3	5.0	5.0	5.2	4.7	2.0	1.8	1.6	1.9
20	2.0	e3.6	4.3		5.6	5.0	5.2	5.2	4.7	2.1	1.7	1.6	1.9
21	2.0	e3.5	4.0		5.9	4.9	5.0	5.4	5.1	2.0	1.8	2.8	2.0
22	2.1	e3.5	3.9		6.4	5.0	5.2	5.3	5.3	2.0	1.7	3.0	1.9
23	2.1	e3.5	3.8		8.5	4.9	5.4	5.1	5.5	2.6	2.2	2.1	1.8
24	2.1	e3.3	e3.7		7.8	4.8	5.4	5.3	5.5	3.4	2.3	2.0	1.8
25	2.1	e3.1	3.7		7.1	4.9	5.4	5.3	5.4	2.9	1.9	2.0	1.8
26	2.2	e3.1	3.9		6.9	4.8	6.1	5.7	5.0	2.6	1.9	2.0	1.9
27	2.2	e3.0	5.4		7.6	4.9	5.7	5.4	4.9	2.4	1.9	1.9	1.9
28	2.4	e3.0	5.6		7.7	4.8	5.3	5.5	4.7	2.4	1.8	1.8	1.9
29	2.5	e3.0	4.9		6.5		4.9	5.2	4.6	2.3	1.7	1.8	1.7
30 31	2.5	e3.0	4.7 e4.4		6.3 6.4		4.9 5.2	5.1	4.1	2.3	1.7 1.8	1.7 1.7	1.8
TOTAL	65.5	111.4	117.7	1	78.0 1	146.2	157.1	160.2	155.2	78.7	60.6	57.6	55.6
MEAN	2.11	3.71	3.80		5.74	5.22	5.07	5.34	5.01	2.62	1.95	1.86	1.85
MAX	2.5	10	5.6		8.5	6.7	6.1	6.8	5.5	3.9	2.3	3.0	2.0
MIN	1.9	2.4	2.9		4.4	4.8	4.6	4.8	4.1	2.0	1.7	1.6	1.7
AC-FT	130	221	233		353	290	312	318	308	156	120	114	110
STATIST	ICS OF M	ONTHLY ME.	AN DATA	FOR	WATER YEA	ARS 1948	- 2003, E	BY WATER	YEAR (WY)				
MEAN	3.05	4.41	5.60		7.06	7.20	8.17	9.17	8.26	5.17	3.06	2.42	2.47
MAX	6.54	11.2	15.3		36.3	16.4	19.3	30.9	26.8	15.5	8.09	6.01	5.77
(WY)	1953	1951	1951		1997	1997	1997	1952	1952	1998	1952	1997	1997
MIN (WY)	1.31 1995	1.89 1962	2.31 1962		2.13 1962	3.24 1991	3.36 1992	2.80 1992	1.39 1992	1.12 1994	0.75 1994	0.67 1994	1.00 1994
	STATIST				2 CALENDA				ATER YEAR		WATER YEARS		- 2003
ANNUAL '	TOTAL				1381.4			1343.8					
ANNUAL MIGHEST ALOWEST A	MEAN ANNUAL M ANNUAL M DAILY M	EAN EAN			3.78	Nov 8		3.6	Nov 8		100	Tan	1997 1992 2 1997
ANNUAL S MAXIMUM MAXIMUM	DAILY ME SEVEN-DA PEAK FL PEAK ST RUNOFF ()	Y MINIMUM OW AGE			1.7 1.7	Aug 2 Aug 2		1.6 14	Aug 12 Aug 14 Nov 8 6 Nov 8		0.42 0.44 266 3.94 4020	Aug Jan	3 1992 2 1997
10 PERCI	ENT EXCE	EDS			6.2			5.4			11		
	ENT EXCE				3.5			3.6			4.2		
90 PERCI	ENT EXCE	EDS			1.7			1.8			1.6		

e Estimated

10311000 CARSON RIVER NEAR CARSON CITY, NV

LOCATION.--Lat 39°06′28″, long 119°42′44″, in SW $^1/_4$ NW $^1/_4$ sec.2, T.14 N., R.20 E., Carson City, Hydrologic Unit 16050201, on left bank, 2 mi downstream from Clear Creek, 3 mi upstream from Lloyds Bridge on road to Mexican Dam, 5 mi southeast of Carson City Post Office, and at mi 70.40 upstream from Lahontan Dam.

DRAINAGE AREA.--886 mi².

PERIOD OF RECORD .-- May 1939 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,620.48 ft above NGVD of 1929. Prior to December 23, 1955, water-stage recorder on right bank at datum 1.0 ft higher. December 23, 1955, to March 13, 1956, nonrecording gage at present site at datum 1.0 ft higher. March 14, 1956, to September 30, 1963, water-stage recorder at present site at datum 1.0 ft higher.

REMARKS.--Records fair except for August, September, and estimated daily discharges, which are poor. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,500 ft³/ s, January 3, 1997, gage height, 18.43 ft; no flow September 5, 1992. EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/ s and maximum (*):

					Gage heigh	t			narge Gage	height		
		Date	e Time	e (ft ³ /s)	(ft)		Date	Time (ft ³	³ /s) (ft)		
		May 3	0 1620	*3160	*6.42		No other	peaks greater tha	ın base discha	rge.		
		DISC	IARGE, CU	JBIC FEET PE		WATER MEAN		ER 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	64	128	e301	348	161	416	204	2350	233	43	22
2	17	64	126	244	389	163		152	2100	189	69	24
3	21	59	119	244	354	159		125	2010	144	69	28
4	22	56	117	247	321	166		126	1870	123	64	3 0
5	19	61	120	250	304	168		142	1820	120	63	34
6	18	57	121	246	286	162	323	158	1640	121	47	38
7	20	76	121	235	274	164		163	1560	118	37	40
8	21	174	119	223	277	176		149	1570	113	29	38
9	20	687	116	221	251	179		164	1540	106	17	31
10	19	462	119	e200	245	185		174	1480	96	12	23
11	19	284	119	e210	248	187	294	163	1320	85	12	21
12	22	216	113	e210	240	204		175	1200	70	12	19
13	27	190	113	e201	234	226		274	1080	63	12	17
14 15	e31 e28	190 177	130 181	196 193	240 234	261 311		548 681	971 917	66 55	12 13	17 21
								001				
16	e26	161	254	186	238	423		838	844	5 0	13	23
17	e36	146	445	186	246	323	459	926	796	4 0	12	20
18	35	139	283	191	226	290	421	965	716	33	14	20
19	38	132	195	190	215	252	384	973	625	32	20	19
20	36	131	165	196	213	234	379	1020	523	3 5	18	17
21	32	134	158	198	203	213	385	1140	475	52	16	18
22	37	141	e158	199	194	209	340	1430	413	50	33	17
23	42	145	e160	211	183	215	302	1830	386	47	57	16
24	44	138	162	285	178	264	261	2040	373	46	36	16
25	48	134	171	308	180	257	287	2200	368	3 9	27	17
26	52	132	e180	289	180	240	280	2120	332	36	22	18
27	56	128	188	306	167	440		1970	290	35	20	19
28	60	122	e230	380	165	473		2300	287	32	17	19
29	73	123	e250	395		402		2630	289	33	17	18
30	63	120	268	357		352		2830	272	43	18	19
31	65		285	340		366		2830		47	21	
TOTAL	1060	4843	5414	7632	6833	7825	10580	31440	30417	2352	872	679
MEAN	34.2	161	175	246	244	252		1014	1014	75.9	28.1	22.6
MAX	73	687	445	395	389	473		2830	2350	233	69	40
MIN	13	56	113	186	165	159		125	272	32	12	16
AC-FT	2100	9610	10740	15140	13550	15520		62360	60330	4670	1730	1350
				FOR WATER Y				ER YEAR (W				
MEAN	96.8	205	283	367	388	417		1190	971	266	58.4	46.9
MAX	527	1693	1992	3171	2115	1573		3129	4099	1764	657	281
(WY)	1983	1951	1951	1997	1986	1986		1969	1983	1995	1983	1983
MIN (WY)	7.69 1978	46.6 1978	52.4 1989	76.4 1991	62.7 1991	73.7 1977		93.9 1977	47.7 1988	11.6 1977	2.81 1977	1.96 1977
				2002 CALEN		19//		WATER YEA		WATER YEAR		
	STATISTI	.CS	FOR		DAR IEAR				ĸ	WAIER IEAR	.5 1940	- 2003
				84744.8 232			109947 301			408 1142 58.5		1983 1977
	DAILY ME			1310 5.9	May 19 Sep 18		2830 12	-		26100 0.00	Jan : Sep :	
ANNUAL	SEVEN-DAY	MINIMUM		7.2	Aug 18		12	Aug 1	0	1.5	Aug 2	4 1992
	PEAK FLO						3160 6	May 3 .42 May 3		30500 18.43	Jan : Jan :	3 1997 3 1997
ANNUAL	RUNOFF (A	AC-FT)		168100			218100	-		295200		
	ENT EXCEE			685			653			1090		
	ENT EXCEE			154			174			180		
90 PERC	ENT EXCEE	EDS		13			20			21		

e Estimated

10311089 NORTH FORK KINGS CANYON DIVERSION NEAR CARSON CITY, NV

 $LOCATION.--Lat\ 39^{\circ}09'18",\ long\ 119^{\circ}48'58",\ in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec. 23,\ T.15\ N.,\ R.19\ E.,\ Carson\ City,\ Hydrologic\ Unit\ 16050201,\ on\ left\ bank,\ 2.9\ mi\ west\ of\ Carson\ Street\ off\ Kings\ Canyon\ Road.$

DRAINAGE AREA--1.83 mi².

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,530 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Periodic regulation for municipal use. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5.7 ft³/ s, January 7, 1997, maximum gage height, 3.96 ft, January 2, 1997; no flow at times, some years, due to head gate regulation upstream.

no n	iow at time.	-					EAR OCTOBER	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	1.0	0.87	0.79	0.66	0.56	0.94	0.95	1.2	1.3	1.2	0.88
2	1.0	0.80	0.87	0.79	0.95	0.85	0.91	0.95	1.1	1.3	0.75	0.92
3	1.0	1.0	0.83	0.79	0.95	0.87	0.91	0.63	1.1	1.3	1.2	0.96
4	1.0	1.1	0.79	0.54	0.95	0.87	0.92	0.95	1.1	1.3	1.2	0.98
5	0.68	1.1	0.81	0.82	e0.95	0.87	0.61	0.95	1.1	0.80	1.2	0.99
6	1.0	1.2	0.84	0.83	e0.95	0.87	0.95	0.95	1.1	1.2	1.2	0.62
7	1.0	1.1	0.56	0.83	e0.95	0.87	0.95	0.95	0.73	1.2	1.2	1.0
8	0.99	1.1	0.81	0.83	e0.62	0.55	0.96	0.95	1.2	1.2	1.1	1.0
9	0.97	0.83	0.83	0.83	0.84	0.87	0.96	0.95	1.2	1.2	0.60	1.0
10	0.99	1.1	0.83	0.86	0.99	0.88	0.98	0.60	1.2	1.2	0.92	1.0
11	0.99	1.1	0.83	0.58	0.98	0.87	0.93	0.93	1.2	1.2	0.93	1.0
12	0.64	1.0	0.83	0.87	0.99	0.87	0.60	0.90	1.1	0.71	0.94	1.1
13	0.99	0.98	0.85	0.91	0.99	1.7	0.94	0.87	1.1	1.2	0.94	0.67
14	0.99	0.92	0.47	0.95	0.96	2.3	0.95	0.87	0.73	1.2	0.94	1.0
15	0.99	0.91	0.90	0.95	0.61	0.59	0.95	0.92	1.2	1.2	0.95	1.0
16	0.99	0.58	0.91	0.95	0.94	0.87	0.95	0.98	1.2	1.2	0.58	1.0
17	0.99	0.88	0.95	0.93	0.93	0.87	0.95	0.63	1.2	1.2	0.95	1.1
18	0.99	0.90	0.95	0.58	0.85	0.87	0.87	1.0	1.2	1.2	0.97	1.1
19	0.64	0.91	0.97	0.88	0.83	0.87	0.53	0.89	1.1	0.71	0.97	1.1
20	0.95	0.91	0.95	0.89	0.87	0.87	0.90	0.71	1.2	1.1	0.98	0.71
21	0.97	0.91	0.58	0.91	0.87	0.87	0.95	0.78	0.72	1.1	1.0	1.1
22	0.99	0.91	0.89	0.92	0.56	0.56	0.87	0.81	1.2	1.1	1.0	1.1
23	0.98	0.60	0.91	1.1	0.86	0.88	0.87	0.79	1.3	1.1	0.60	1.1
24	0.98	0.87	0.92	1.1	0.87	0.87	0.87	0.52	1.3	1.1	0.98	1.2
25	0.97	0.88	0.79	0.64	0.87	0.87	0.87	0.83	1.4	1.1	0.99	1.2
26	0.65	0.89	0.79	0.97	0.87	0.93	0.59	0.87	1.4	0.73	1.0	1.2
27	0.95	0.89	0.80	1.0	0.87	0.91	0.93	0.90	1.4	1.2	0.99	0.76
28	0.95	0.87	0.54	1.00	0.87	0.91	0.95	1.0	0.82	1.2	0.94	1.1
29	0.95	0.87	0.79	0.99		0.57	0.95	1.1	1.3	1.2	0.87	1.2
3 0	0.95	0.57	0.79	0.97		0.87	0.95	1.2	1.3	1.2	0.53	1.2
31	0.95		0.79	0.96		0.90		0.79		1.2	0.87	
TOTAL	29.08	27.68	25.24	26.96	24.40	27.88	26.46	27.12	34.40	35.15	29.49	30.29
MEAN	0.94	0.92	0.81	0.87	0.87	0.90	0.88	0.87	1.15	1.13	0.95	1.01
MAX	1.0	1.2	0.97	1.1	0.99	2.3	0.98	1.2	1.4	1.3	1.2	1.2
MIN	0.64	0.57	0.47	0.54	0.56	0.55	0.53	0.52	0.72	0.71	0.53	0.62
AC-FT	58	55	50	53	48	55	52	54	68	70	58	60
STATIS	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1989	9 - 2003	, BY WATER	YEAR (WY)			
MEAN	1.26	1.63	1.43	1.28	1.16	1.28	1.30	1.29	1.67	1.68	1.42	1.13
MAX	3.31	3.69	3.05	3.15	2.52	3.08	3.17	3.77	4.65	4.50	3.25	2.66
(WY)	1999	1996	1997	1998	1998	1999	1997	1997	1996	1996	1995	1996
MIN	0.32	0.28	0.29	0.29	0.33	0.38	0.22	0.17	0.23	0.23	0.20	0.26
(WY)	1992	1993	1992	1992	1992	1992	1989	1992	1992	1992	1992	1992
SUMMAR	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W.	ATER YEAR		WATER YEA	ARS 1989	- 2003
ANNUAL	TOTAL			309.4	7		344.1	5				
ANNUAL				0.8			0.9			1.4	10	
	T ANNUAL	MEAN									90	1996
	ANNUAL M									0.3	31	1992
	T DAILY M			1.4	Jul 1		2.3	Mar 14			7 Jan	7 1997
LOWEST	DAILY ME	AN		0.2	0 May 24		0.4	7 Dec 14		0.0	00 Mar	9 1995
ANNUAL	SEVEN-DA	MUMINIM Y			7 May 12			5 Dec 28		0.1	ll May 1	7 1992
MAXIMU	M PEAK FL	OW			-			Mar 13			Mar 1	
MAXIMU	M PEAK ST	AGE					2.7	5 Mar 13		2.7	75 Mar 1	3 2003
	RUNOFF (614			683			1020		
10 PER	CENT EXCE	EDS		1.2			1.2			3.2	2	
	CENT EXCE			0.8			0.9			0.9		
90 PER	CENT EXCE	EDS		0.5	2		0.6	7		0.3	3 0	

e Estimated

10311090 NORTH FORK KINGS CANYON CREEK NEAR CARSON CITY, NV

 $LOCATION.--Lat~39^{\circ}09'17"~long~119^{\circ}48'58"~in~NE~^{1}/_{4}~NW~^{1}/_{4}~sec. 23,~T.15~N.,~R.19~E.,~Carson~City,~Hydrologic~Unit~16050201,~on~right~bank,~off~Kings~Canyon~Road,~2.9~mi~west~of~Carson~Street.$

DRAINAGE AREA.--1.83 mi².

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,530 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Periodic diversions for municipal use. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 140 ft³/ s, January 2, 1997, gage height, 3.96 ft; no flow at times, most years, due to gate regulation.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.9 ft³/s, November 8, gage height, 1.98 ft; minimum daily, 0.12 ft³/s, May 7.

		DISC	HARGE, CU	BIC FEET P		WATER Y	EAR OCTOBER	2002 TO	SEPTEMBER	2003		•
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.43	e0.40	0.27	0.32	0.70	e0.58	0.33	0.21	0.36	0.26	0.28	0.30
2	0.45	e0.40	0.27	0.32	0.41	e0.38	0.33	0.21	0.34	0.26	0.28	0.30
3	0.46	0.40	0.27	0.33	0.39	e0.27	0.33	0.47	0.34	0.24	0.78	0.30
4	0.46	0.40	0.28	0.59	0.37	0.27	0.21	0.21	0.35	0.24	0.27	0.30
5	0.77	0.40	0.28	0.40	e0.37	0.25	0.56	0.21	0.33	0.71	0.25	0.27
6	0.40	0.40	0.27	0.36	e0.37	0.27	0.24	0.21	0.30	0.30	0.21	0.54
7	0.40	0.41	0.54	0.33	e0.30	0.27	0.21	0.19	0.62	0.23	0.21	0.36
8	0.43	0.80	0.27	0.33	e0.58	0.55	0.20	0.16	0.34	0.23	0.23	0.30
9	0.43	0.64	0.27	0.38	e0.26	0.27	0.20	0.16	0.38	0.23	0.68	0.27
10	0.40	0.27	0.27	0.36	e0.26	0.30	0.20	0.40	0.30	0.24	0.27	0.27
11	0.40	0.25	0.27	0.66	e0.26	0.28	0.24	0.12	0.24	0.27	0.27	0.27
12	0.68	0.30	0.27	0.33	0.26	0.30	0.57	0.15	0.21	0.73	0.27	0.24
13	0.40	0.33	0.34	0.40	0.21	0.45	0.22	0.18	0.21	0.28	0.27	0.46
14	0.37	0.33	0.65	0.40	0.21	0.50	0.18	0.20	0.63	0.26	0.27	0.36
15	0.33	0.33	0.31	0.36	0.59	0.61	0.15	0.20	0.29	0.22	0.27	0.40
16	0.34	0.63	0.26	0.33	0.25	0.27	0.16	0.12	0.23	0.22	0.70	0.32
17	0.37	0.33	0.29	0.33	0.21	0.27	0.16	0.40	0.27	0.22	0.31	0.27
18	0.37	0.33	0.21	0.67	0.26	0.27	0.19	0.20	0.29	0.21	0.25	0.27
19	0.68	0.33	0.35	0.40	0.30	0.28	0.51	0.16	0.27	0.62	0.21	0.23
20	0.39	0.33	0.20	0.40	0.27	0.27	0.26	0.17	0.27	0.30	0.18	0.50
21	0.40	0.33	0.47	0.40	0.27	0.27	0.21	0.21	0.65	0.29	0.28	0.33
22	0.40	0.33	0.16	0.45	0.58	0.59	0.21	0.19	0.37	0.27	0.25	0.33
23	0.40	0.61	0.22	0.51	0.27	0.30	0.21	0.18	0.42	0.27	0.60	0.33
24	0.40	0.33	0.46	0.34	e0.27	0.27	0.21	0.49	0.38	0.27	0.22	0.33
25	0.40	0.33	0.40	0.68	e0.27	0.27	0.22	0.43	0.38	0.27	0.22	0.33
25	0.40	0.30	0.30	0.00	60.27	0.27	0.21	0.21	0.33	0.27	0.16	0.30
26	0.68	0.29	0.31	0.37	e0.27	0.45	0.47	0.18	0.33	0.75	0.17	0.30
27	0.40	0.31	0.36	0.53	e0.27	0.29	0.24	0.16	0.33	0.33	0.15	0.50
28	0.40	0.30	0.54	0.41	e0.27	0.27	0.21	0.14	0.71	0.30	0.16	0.33
29	0.40	0.27	0.32	0.33		0.55	0.21	0.14	0.33	0.30	0.16	0.33
3 0	0.41	0.54	0.31	0.36		0.33	0.21	0.34	0.26	0.27	0.52	0.33
31	0.41		0.34	0.40		0.33		0.69		0.28	0.33	
TOTAL	13.67	11.90	9.92	12.79	9.30	10.72	7.77	7.26	10.68	9.87	9.45	9.95
MEAN	0.44	0.40	0.32	0.41	0.33	0.35	0.26	0.23	0.36	0.32	0.30	0.33
MAX	0.77	0.80	0.65	0.68	0.70	0.61	0.57	0.69	0.71	0.75	0.78	0.54
MIN	0.33	0.25	0.16	0.32	0.21	0.25	0.15	0.12	0.21	0.21	0.15	0.23
AC-FT	27	24	20	25	18	21	15	14	21	20	19	20
STATIST	TTCS OF M	ONTHIV MEZ	ם מדמת מע	OP WATER	VEARS 1989	2003	B, BY WATER	VEAR (WY	7)			
DIMILO	1100 01 11	ONTINET FIEL	iii Dhiin i	OK WHILK	IDANO 1903	2005	,, DI WAIDA	IDM (W.	. /			
MEAN	0.88	0.49	0.39	0.55	0.37	0.42	0.46	0.61	0.69	0.77	0.85	0.88
MAX	1.92	0.82	0.55	3.09	0.53	0.80	1.02	1.09	1.99	2.12	1.68	1.82
(WY)	1999	1999	1992	1997	1992	1995	1989	1989	1997	1997	1997	1997
MIN	0.38	0.25	0.20	0.15	0.16	0.18	0.24	0.23	0.36	0.29	0.22	0.24
(WY)	1993	1995	1993	1995	1993	1993	1993	2003	2003	1994	1994	1991
SUMMARY	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEA	ર	WATER YEAR	RS 1989	- 2003
ANNUAL	TOTAL			159.4	8		123.2	8				
ANNUAL	MEAN			0.4	4		0.3	4		0.61	_	
HIGHEST	r Annual	MEAN								1.25		1997
	ANNUAL M											2003
HIGHEST	r DAILY M	EAN		1.1	Mav 31		0.8	0 Nov	3	3.4	Jan	2 1997
	DAILY ME			0.1	May 31 6 Dec 22		0.1	2 May 1	1	0.00	Feb 2	5 1990
		Y MINIMUM			7 Dec 17			9 May '			Dec 2	
	M PEAK FL							Nov		140		
	M PEAK ST							8 Nov		3 96	Jan	2 1997
	RUNOFF (316			245		-	440		
	CENT EXCE			0.6			0.5			1.3		
	CENT EXCE			0.3			0.3			0.40		
	CENT EXCE			0.3			0.2			0.17		
20 11110				0.5	-		0.2	_		0.1		

e Estimated

10311100 KINGS CANYON CREEK NEAR CARSON CITY, NV

 $LOCATION.--Lat~39^{\circ}09'14'', long~119^{\circ}48'24'', in~NE~^{1}/_{4}~NE~^{1}/_{4}~sec. 23,~T.15~N.,~R.19~E.,~Carson~City,~Hydrologic~Unit~16050201,~on~right~bank,~off~Kings~Canyon~Road,~2~mi~west~of~Carson~Street.$

DRAINAGE AREA.--4.06 mi².

PERIOD OF RECORD.--June 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,180 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion for municipal use above station. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 276 ft 3 / s, January 2, 1997, gage height, 5.42 ft; maximum gage height, 5.44 ft, February 19, 1986; minimum daily, 0.02 ft 3 / s, August 1, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3.1 ft³/s, November 8, gage height, 4.05 ft; minimum daily, 0.20 ft³/s, August 7, September 25, 26.

		DISC	CHARGE, CU	BIC FEET PI		WATER YI MEAN V	EAR OCTOBER ALUES	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.49	0.73	0.69	0.64	0.82	0.69	0.61	0.58	0.52	0.50	0.30	0.42
2	0.47	0.97	0.68	0.67	0.61	0.53	0.62	0.60	0.54	0.55	0.68	0.33
3	0.49	0.85	0.67	0.72	0.59	0.53	0.63	0.77	0.54	0.61	0.34	0.32
4	0.50	0.76	0.69	0.91	0.57	0.51	0.65	0.63	0.54	0.62	0.27	0.29
5	0.72	0.68	0.68	0.75	0.56	0.51	0.78	0.60	0.48	0.93	0.24	0.24
6	0.51	0.65	0.67	0.71	0.56	0.49	0.61	0.59	0.45	0.65	0.22	0.52
7	0.48	0.78	0.87	0.68	0.52	0.48	0.59	0.59	0.66	0.64	0.20	0.29
8	0.52	1.8	0.70	0.68	0.70	0.64	0.59	0.59	0.50	0.64	0.23	0.26
9	0.52	0.98	0.71	0.72	0.53	0.49	0.60	0.57	0.54	0.60	0.65	0.26
10	0.52	0.76	0.69	0.73	0.52	0.48	0.60	0.75	0.48	0.57	0.44	0.29
11	0.56	0.63	0.68	0.84	0.52	e0.53	0.61	0.58	0.46	0.57	0.39	0.24
12	0.77	0.63	0.67	0.70	0.51	e0.55	0.82	0.59	0.45	0.88	0.36	0.24
13	0.59	0.62	0.74	0.71	0.52	e0.70	0.92	0.61	0.41	0.60	0.36	0.52
14	0.57	0.64	0.97	0.66	0.51	e0.75	0.83	0.62	0.65	0.56	0.35	0.32
15	0.56	0.63	0.69	0.64	0.70	e0.86	0.75	0.61	0.43	0.49	0.33	0.28
16	0.56	0.83	0.69	0.63	0.60	0.52	0.69	0.53	0.39	0.47	0.65	0.28
17	0.60	0.63	0.62	0.62	0.57	0.50	0.68	0.68	0.39	0.45	0.36	0.32
18	0.65	0.63	0.54	0.79	0.61	0.48	0.67	0.37	0.41	0.43	0.28	0.31
19	0.84	0.63	0.55	0.65	0.63	0.47	0.83	0.40	0.50	0.74	0.26	0.31
20	0.70	0.62	0.55	0.65	0.60	0.48	0.65	0.54	0.54	0.52	0.26	0.53
21	0.74	0.63	0.72	0.70	0.60	0.46	0.63	0.52	0.83	0.48	0.46	0.32
22	0.77	0.63	0.54	0.79	0.74	0.60	0.63	0.50	0.58	0.43	0.41	0.28
23	0.76	0.85	0.52	0.91	0.58	0.48	0.64	0.52	0.62	0.45	0.68	0.22
24	0.75	0.63	0.56	0.73	0.57	0.46	0.64	0.68	0.58	0.43	0.37	0.22
25	0.76	0.64	0.56	0.91	0.57	0.45	0.64	0.48	0.52	0.40	0.30	0.20
26	1.0	0.66	0.59	0.68	0.55	0.74	0.81	0.43	0.49	0.71	0.31	0.20
27	0.83	0.67	0.77	0.79	0.56	0.62	0.63	0.41	0.50	0.40	0.26	0.45
28	0.81	0.68	0.89	0.68	0.55	0.56	0.61	0.35	0.80	0.35	0.29	0.24
29	0.81	0.68	0.67	0.62		0.72	0.59	0.23	0.53	0.32	0.39	0.23
30	0.83	0.88	0.70	0.62		0.61	0.59	0.53	0.50	0.28	0.67	0.24
31	0.84		0.71	0.63		0.62		0.69		0.29	0.46	
TOTAL	20.52	22.40	20.98	22.16	16.47	17.51	20.14	17.14	15.83	16.56	11.77	9.17
MEAN	0.66	0.75	0.68	0.71	0.59	0.56	0.67	0.55	0.53	0.53	0.38	0.31
MAX	1.0	1.8	0.97	0.91	0.82	0.86	0.92	0.77	0.83	0.93	0.68	0.53
MIN	0.47	0.62	0.52	0.62	0.51	0.45	0.59	0.23	0.39	0.28	0.20	0.20
AC-FT	41	44	42	44	33	35	4 0	34	31	33	23	18
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1976	- 2003	, BY WATER	YEAR (WY)			
MEAN	1.34	1.18	1.11	1.35	1.58	1.56	1.33	1.15	1.52	1.47	1.38	1.26
MAX	5.69	5.41	5.13	7.96	6.86	4.41	4.33	4.53	8.29	8.01	7.04	4.97
(WY)	1984	1984	1984	1997	1986	1983	1982	1983	1983	1983	1983	1983
MIN	0.13	0.16	0.17	0.19	0.30	0.37	0.28	0.24	0.22	0.093	0.075	0.15
(WY)	1993	1993	1994	1993	1993	1992	1993	1992	1992	1994	1994	1992
SUMMARY	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	ARS 1976	- 2003
ANNUAL	TOTAL			242.6	3		210.6	5				
ANNUAL				0.6			0.5			1.3	16	
	r annual i	MEAN								4.5		1983
	ANNUAL M									0.3		
	T DAILY M			1.8	Nov 8		1.8	Nov 8		66	Jan 2	
	DAILY ME				4 Jul 2			0 Aug 7)2 Aug :	
		Y MINIMUM			3 Aug 29			5 Sep 23)5 Oct 1	
	M PEAK FL				-			Nov 8		276		1997
	M PEAK ST							5 Nov 8			4 Feb 19	
ANNUAL	RUNOFF (AC-FT)		481			418			984		
10 PERG	CENT EXCE	EDS		0.9	4		0.7	8		3.1	_	
50 PERG	CENT EXCE	EDS		0.6	7		0.5	9		0.8	35	
90 PERG	CENT EXCE	EDS		0.3	6		0.3	2		0.2	28	

e Estimated

10311200 ASH CANYON CREEK NEAR CARSON CITY, NV

 $LOCATION.-Lat~39^{\circ}10'35", long~119^{\circ}48'17", in~NW~^{1}/_{4}~SW~^{1}/_{4}~sec. 12,~T.15~N.,~R.19~E.,~Carson~City,~Hydrologic~Unit~16050201, on~left~bank,~2~mi~west~of~intersection~of~Carson~and~Bath~Streets.$

DRAINAGE AREA.--5.20 mi².

PERIOD OF RECORD.--July 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,080 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Daily flows and peak flows may be influenced by intermittent diversions from Marlette Lake and Hobart Reservoir. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 330 ft³/ s, January 2, 1997, gage height, 4.95 ft; minimum daily, 0.47 ft³/ s, August 19, 1992.

Augi	ust 19, 1992	2.					·				•	
EXTREM	IES FOR C	URRENT Y	EARP	eak discharges	greater tha	n base di	scharge of 4	0.0 ft^3	s and maximu	ım (*):		
				Discharge C			C		Discharge Ga			
		Doto	Time	2	-		Data	Time	2			
		Date	Time	,	(ft)		Date	Time	,	(ft)		
		Nov 8	1145	*15	*3.94		May 24	1730	9	3.84		
		Jan 27	2030	9	3.84		June 28	1615	5.6	3.78		
		DISCH	ARGE, C	UBIC FEET PE				R 2002	TO SEPTEMBER	2003		
					DAIL	Y MEAN V	/ALUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	M	AY JUN	JUL	AUG	SEP
1	1.5	1.9	2.5	2.0	5.1	2.3	3.2	2	.6 4.4	3.8	2.5	1.5
2	1.6	e1.9	2.3	2.1	4.4	2.3	3.2		.7 4.4	3.8	2.9	1.5
3	1.6	1.8	2.5	2.2	3.9	2.4	3.0		.7 4.0	3.7	2.5	1.5
4	1.6	1.9	2.5	2.4	3.5	2.4	3.0		.7 3.7	3.7	2.3	1.9
5	1.6	2.0	2.5	2.5	e3.5	2.4	3.0		.7 3.6	3.6	2.1	1.7
6	1.6	2.1	2.5	2.4	e3.5	2.4	3.1		.7 3.5	3.6	2.0	1.5
7	1.5	2.5	2.4	2.3	3.5	2.1	3.4		.7 3.5	3.5	2.0	1.6
8	1.4	9.0	2.4	3.3	e3.5	2.1	3.6		.7 3.4	3.4	2.0	1.6
9	1.4	3.4	2.6	3.0	e3.5	2.1	3.5		.5 3.4	3.2	1.8	1.5
10	1.5	3.5	2.4	2.3	3.5	2.4	3.7	2	.6 3.2	2.5	1.8	1.5
1.1	1 5	2 1	2 4	2 2	2 2	2 5	2 0	2	0 2.7	2 5	1 0	1 6
11	1.5	3.1	2.4	2.2	3.3	2.5	3.8		.9 2.7	2.5	1.8	1.6
12	1.6	3.0		2.0			3.7		.3 2.7	2.4	1.8	1.5
13	2.0	3.3	2.7	2.2	3.0	2.7	3.9		.6 2.4	2.4	1.8	1.5
14	1.8	2.8	2.9	2.0	2.9	3.4	3.8		.1 2.3	2.4	1.8	1.5
15	1.6	2.8	2.5	1.9	3.0	3.8	3.7	4	.1 2.2	2.4	1.7	1.5
16	1.7	2.8	2.7	1.7	2.9	3.3	3.6	3	.5 2.4	2.3	1.7	1.5
17	1.8	2.5	2.5	1.7	2.9	2.5	2.9		.9 2.3	2.3	1.8	1.6
18	1.8	2.4	2.5	1.7	2.8	2.7	2.1		.7 2.2	2.3	1.9	1.7
19	1.8	2.3	e2.5	1.8	2.6	2.7	2.2		.1 2.2	2.0	1.8	1.6
20	1.9	2.4	2.5	1.7	2.6	2.7	2.4	5	.0 2.3	2.0	1.9	1.6
21	1.9	2.5	2.6	1.8	2.7	2.9	2.3		. 2 2 . 4	2.1	3.1	1.7
22	1.9	2.8	2.4	3.0	2.7	3.2	2.1		. 7 2.4	2.0	1.9	1.6
23	2.0	2.6	2.4	4.4	2.5	3.3	2.1		.6 3.7	2.2	1.7	1.6
24	2.0	2.4	e2.3	4.8	2.6	3.3	2.5		.5 4.8	2.2	1.6	1.6
25	1.9	2.4	2.2	4.1	2.6	3.3	3.0	7	. 2 4 . 4	2.1	1.4	1.6
26	1.7	2.4	2.4	4.8	2.6	4.6	2.8	6	.9 4.3	2.1	1.6	1.6
27	1.6	2.4	2.5	6.5	2.3	3.4	2.7		.8 4.1	2.1	1.5	1.5
28	1.7	2.4	2.3	6.2	2.2	2.8	2.7		.0 3.9	2.1	1.5	1.5
29	1.6	2.4	2.3	5.4	2.2	2.9	2.7		.5 3.8	2.1	1.5	1.4
30	1.6	2.5	2.1	5.4		3.1	2.6		.1 3.9	1.9	1.4	1.5
31	1.7	2.5	2.4	4.9		3.4			.8	2.2	1.5	
31	1.7		2.1	4.5		5.4		-	. 0	2.2	1.5	
TOTAL	52.4	82.3	76.0	94.5	87.1	88.1	90.0	132	.1 98.5	80.9	58.6	47.0
MEAN	1.69	2.74	2.45	3.05	3.11	2.84	3.00	4.:		2.61	1.89	1.57
MAX	2.0	9.0	2.9	6.5	5.1	4.6	3.9		.5 4.8	3.8	3.1	1.9
MIN	1.4	1.8	2.1	1.7	2.2	2.1	2.1	2	.5 2.2	1.9	1.4	1.4
AC-FT	104	163	151	187	173	175	179	2	52 195	160	116	93
STATIST	rics of Mo	ONTHLY MEA	N DATA	FOR WATER Y	ZEARS 1976	5 - 200	3, BY WATE	ER YEAR	(WY)			
MEAN	2.58	2.99	3.02	3.19	3.37	3.70	4.14	5.3	37 5.43	3.36	2.54	2.31
MAX	6.03	7.57	9.32	11.5	8.82	7.48	7.59	11		12.6	9.25	6.49
(WY)	1984	1984	1997	1997	1986	1986	1997	19		1983	1983	1983
MIN	0 96	1 06	1 45	1 66	1 61	1 59	1 74	1	10 0.83	0.65	0 54	0.67
(WY)	1993	1993	1995	1991	1993	1992	1992	19	10 0.83 92 1992	1992	1992	1992
									YEAR			
	TOTAL			845.1			987.					
ANNUAL				2.32	2		2.	.71			51	
	r annual i									7.7	77 26	1983 1992
	ANNUAL MI											1992
	r DAILY M				Nov 8			.0 No			Jan 2	
	DAILY MEA				Jul 5			.4 Oc			17 Aug 19	
		Y MINIMUM		1.1	Sep 9		1.	. 5 Au	g 25 v 8		19 Jul 29	
	M PEAK FLO										Jan 2	
	M PEAK STA			_				.94 No	v 8		95 Jan 2	1997
	RUNOFF (A			1680			1960			2540		
	CENT EXCE			3.8			3.			6.6		
	CENT EXCE			2.0			2.			2.7		
90 PERC	CENT EXCE	מחיב		1.3			1.	. 0		1.3		

e Estimated

10311300 EAGLE VALLEY CREEK AT CARSON CITY, NV

 $LOCATION.--(Revised)\ Lat\ 39^{\circ}09'56",\ long\ 119^{\circ}43'04",\ in\ SW\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.15,\ T.15\ N.\ R.20\ E.,\ Carson\ City,\ Hydrologic\ Unit\ 16050201,\ on\ right\ bank,\ 1,100\ ft\ downstream\ from\ North\ Edmonds\ Drive,\ and\ 1.1\ mi\ south\ of\ intersection\ with\ U.S.\ Highway\ 50.$

DRAINAGE AREA.--34.4 mi².

PERIOD OF RECORD.--January 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,620 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. Flows prior to September 1986 included effluent discharge from Carson City Water Treatment Plant. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,110 ft³/ s, February 19, 1986, gage height, 8.85 ft; maximum gage height, 9.32 ft, January 2, 1997; no flow at times, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 338 ft³/s, November 8, gage height, 7.68 ft; minimum daily, 0.01 ft³/ s, on several days

,		DIS	CHARGE, C	CUBIC FEET	PER SECOND, DAILY	WATER YI MEAN V		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.10	0.25	9.2	e0.58	0.60	0.49	0.58	0.09	0.02	0.77	0.01
2	0.01	0.11	0.25	5.8	e0.58	0.57	0.55	0.65	0.11	0.01	0.20	0.01
3	0.01	0.12	0.25	5.1	e0.58	0.63	0.71	0.71	0.10	0.01	0.16	0.02
4	0.02	0.13	0.25	4.4	0.57	0.70	0.92	0.89	0.09	0.01	0.12	0.02
5	0.02	0.13	0.24	4.0	0.56	0.60	0.61	0.69	0.08	0.01	0.07	0.03
6	0.02	0.13	0.26	3.7	0.54	0.53	0.51	0.65	0.07	0.01	0.03	0.03
7	0.01	1.5	0.24	3.6	0.50	0.53	0.49	0.70	0.07	0.01	0.02	0.02
8	0.01	70	0.22	3.6	0.50	0.53	0.51	0.72	0.06	0.01	0.02	0.02
9	0.01	9.5	0.23	3.9	0.51	0.53	0.50	0.72	0.05	0.01	0.02	0.01
10	0.01	1.6	0.25	3.8	0.49	0.56	0.47	0.72	0.04	0.01	0.02	0.02
11	0.01	0.43	0.24	0.86	0.55	0.59	0.46	0.67	0.04	0.01	0.02	0.04
12	0.01	0.26	0.23	0.73	0.58	0.58	2.2	0.61	0.04	0.01	0.02	0.03
13	0.01	0.25	0.25	0.80	0.75	0.57	24	0.56	0.03	0.01	0.02	0.02
14	0.01	0.23	4.3	0.71	0.67	0.56	2.5	0.57	0.03	0.01	0.01	0.01
15	0.01	0.22	17	0.69	0.61	6.2	1.0	0.47	0.03	0.01	0.01	0.01
1.0	0.01	0.04		0.66	2 5	0.00	0.00	0 42	0 00	0 01	1 1	0.01
16	0.01	0.24	73	0.66	3.7	0.90	0.88	0.43	0.03	0.01	1.1	0.01
17	0.01	0.24	19	0.64	0.82	0.61	1.0	0.45	0.03	0.01	0.21	0.01
18	0.03	0.23	8.9	0.65	0.68	0.55	0.89	0.46	0.03	0.01	0.06	0.01
19	0.05	0.22	5.2	0.67	0.65	0.53	0.77	0.48	0.02	0.01	0.03	0.01
20	0.06	0.22	5.4	0.66	0.62	0.55	0.78	0.48	0.02	0.01	0.02	0.01
21	0.07	0.24	6.6	0.68	0.58	0.52	0.82	0.47	0.02	0.01	1.2	0.02
22	0.08	0.26	5.9	0.68	0.57	0.46	0.81	0.42	0.03	0.01	3.0	0.02
23	0.09	0.60	4.3	0.70	0.57	0.48	0.80	0.37	0.90	0.12	0.33	0.01
24	0.11	0.25	3.4	1.0	0.58	0.49	0.75	0.35	2.1	1.1	0.08	0.16
25	0.09	0.22	3.2	0.64	0.59	0.45	0.71	0.30	0.43	0.25	0.02	0.53
26	0.04	0.22	3.8	0.62	0.59	1.9	0.71	0.27	0.20	0.15	0.01	0.12
27	0.02	0.23	15	0.64	0.59	0.62	0.68	0.25	0.13	0.08	0.01	0.04
28	0.02	0.23	9.9	0.63	0.59	0.45	0.68	0.19	0.13	e0.07	0.01	0.03
29	0.04	0.23	14	0.60		0.43	0.66	0.12	0.05	e0.05	0.01	0.02
30	0.07	0.24	13	0.62		0.45	0.68	0.09	0.03	e0.04	0.01	0.03
31	0.08		26	0.62		0.49		0.03		0.03	0.01	
31	0.00		20	0.02		0.45		0.00		0.05	0.01	
TOTAL	1.09	88.58	241.06	61.60	19.70	24.16	47.54	15.12	5.05	2.12	7.61	1.33
MEAN	0.035	2.95	7.78	1.99	0.70	0.78	1.58	0.49	0.17	0.068	0.25	0.044
MAX	0.11	70	73	9.2	3.7	6.2	24	0.89	2.1	1.1	3.0	0.53
MIN	0.01	0.10	0.22	0.60	0.49	0.43	0.46	0.08	0.02	0.01	0.01	0.01
AC-FT	2.2	176	478	122	39	48	94	3 0	10	4.2	15	2.6
STATIST	rics of M	ONTHLY M	EAN DATA	FOR WATER	YEARS 1985	- 2003	, BY WATER	YEAR (W	Y)			
MEAN	1.39	2.36	4.11	8.74	10.2	6.20	2.39	1.80	1.82	0.67	0.58	1.06
MAX	11.8	7.98	25.4	81.9	91.9	24.5	11.5	9.20	9.67	5.52	3.84	5.52
(WY)	1987	1987	1997	1997	1986	1986	1986	1986	1986	1986	1986	1987
MIN	0.035	0.24	0.25	0.25	0.42	0.35	0.15	0.17	0.051	0.024	0.012	0.003
(WY)	2003	1991	1995	1994	1991	1988	1994	1992	2002	1988	1988	2002
SUMMARY	Y STATIST	rics	FOI	R 2002 CAL	ENDAR YEAR		FOR 2003 W	ATER YEA	R	WATER YE	ARS 1985	- 2003
ANNUAL	TOTAL			495.	18		514.9	6				
ANNUAL				1.3			1.4			3.	3 0	
	r Annual	MEAN								15.		1986
	ANNUAL M											1991
	r DAILY M			73	Dec 16		73	Dec 1	6	775	Jan	2 1997
LOWEST	DAILY ME	EAN		0.0	Dec 16 00 Jun 24		0.0	1 Oct	1	0.	00 Jul	1 1988
ANNUAL	SEVEN-DA	AY MINIMU	M		00 Jun 24			1 Oct			00 Jul	
MAXIMUN	M PEAK FI	JOW					338	Nov	8	1110	Feb 1	9 1986
MAXIMUN	M PEAK ST	CAGE					7.6	8 Nov	8	9.	32 Jan	2 1997
ANNUAL	RUNOFF ((AC-FT)		982			1020			2390		
10 PERG	CENT EXCE	EEDS		1.			2.1			7.	3	
50 PERG	CENT EXCE	EEDS		0.3	25		0.2			0.	44	
90 PERG	CENT EXCE	EEDS		0.0	0 0		0.0	1		0.	06	

e Estimated

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'52", long 119°41'40", in SW $^1/_4$ NW $^1/_4$ sec.12, T.15 N. R.20 E., Carson City, Hydrologic Unit 16050202, on right bank, just downstream from Deer Run Road, 500 ft south of Brunswick Road, 4 mi east of Carson City, and at mi 63.36 upstream from Lahontan Dam.

DRAINAGE AREA.--958 mi².

PERIOD OF RECORD.--April 1979 to September 1985, August 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,600 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for August and September, which are poor. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 24,000 ft³/s, January 3, 1997, gage height 24.23 ft; no flow at times, some years. EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December, 1955 is believed to have been approximately 30,000 ft³/s, based on slope-area measurement made at gaging station 5 mi upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

				Discharge Ga	-		,		arge Gag	e height		
		Date	Time	(ft^3/s)	(ft)		Date	Time (ft ³ /	s)	(ft)		
		May 30	1915	*2900	*9.76		No other	peaks greater tha	n base discl	harge.		
		DISCH	IARGE, CU	JBIC FEET PER		WATER Y		R 2002 TO SE	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	46	116	296	325	159	386	213	2240	181	21	4.6
2	5.3	48	118	212	366	161	398	175	2000	123	34	5.2
3	6.9	49	112	198	345	160	364	143	1910	76	37	4.1
4 5	6.4 8.1	48 51	109 110	200	312 287	166 169	346 317	153 178	1790 1750	68 72	35 39	4.5 4.5
6	8.3	53	112	203	271	166	300	188	1580	72	33	7.2
7	10	63	111	195	262	165	306	194	1500	68	29	8.8
8	13	194	111	185	262	177	256	180	1510	63	27	11
9	14	626	108	185	238	168	228	190	1480	59	23	11
10	14	505	107	194	239	178	257	202	1420	48	16	9.6
11	14	293	109	202	241	188	259	186	1240	41	12	8.1
12	16	225	106	190	235	209	289	192	1120	30	11	7.4
13	17	183	103	179	229	224	430	264	994	32	11	6.0
14	22	165	114	175	232	249	576	487	890	39	7.4	5.1
15	23	156	175	175	227	304	534	625	833	29	4.9	5.4
16	20	143	292	169	232	414	481	749	766	26	4.9	7.0
17	24	133	431	170	238	328	496	855	718	24	4.9	6.4
18	27	129	282	177	221	294	467	897	641	20	6.4	4.9
19	29	123	189	173	212	252	436	906	566	19	8.5	6.2
20	31	120	151	179	207	235	425	957	477	17	11	7.6
21	30	121	153	185	196	226	436	1020	436	22	5.4	9.6
22	32	128	153	184	190	214	399	1280	374	28	7.0	12
23	3 7	133	e148	174	183	217	343	1640	349	26	16	13
24	36	127	142	235	173	255	305	1840	344	23	19	12
25	37	124	149	271	171	255	319	1960	330	20	12	12
26	40	123	e160	262	175	240	322	1950	289	18	9.6	10
27	43	121	170	284	163	377	289	1880	250	18	7.1	10
28	44	113	e190	347	161	443	289	2150	266	16	4.3	9.6
29	51	112	e213	382		379	270	2450	263	16	3.5	10
30	47	112	238	341		332	232	2630	244	18	3.3	9.3
31	47		272	324		342		2650		23	3.9	
TOTAL	757.9	4567	5054	6849	6593	7646	10755	29384	28570	1335	467.1	242.1
MEAN	24.4	152	163	221	235	247	358	948	952	43.1	15.1	8.07
MAX	51	626	431	382	366	443	576	2650	2240	181	39	13
MIN	4.9	46	103	169	161	159	228	143	244	16	3.3	4.1
AC-FT	1500	9060	10020	13580	13080	15170	21330	58280	56670	2650	926	480
STATIST	TICS OF MC	NTHIV MEA	N DATA I	FOR WATER YE	CARS 1979	- 2003	BY WATE	R YEAR (WY)				
	01 110				/	2000						
MEAN	123	238	293	480	439	503	659	1295	1098	379	80.9	55.4
MAX	534	1086	987	3106	1134	1147	1407	2273	4319	1770	669	259
(WY)	1983	1984	1984	1997	1982	1995	1982	1983	1983	1995	1983	1983
MIN	1.15	44.6	57.7	83.4	64.8	146	168	144	23.5	3.75	0.43	0.000
(WY)	2002	1991	1991	1991	1991	1992	1994	1992	1992	1994	2001	2001
SUMMARY	STATISTI	CS	FOR	2002 CALENI	DAR YEAR		FOR 2003	WATER YEAR		WATER YEAR	RS 1979	- 2003
ANNUAL	TOTAL			79005.60			102220.	1				
ANNUAL	MEAN			216			280			474		
	ANNUAL N									1178		1983
	ANNUAL ME									90.7		1992
HIGHEST	DAILY ME	EAN AN 7 MINIMUM		1170	May 19		2650	May 31		22600	Jan	3 1997
LOWEST	DAILY MEA	AN		0.83	Aug 23		3.	3 Aug 30 1 Aug 28		0.0	0 Aug 2	0 1994
				0.91	Aug 20		4.	1 Aug 28			0 Aug 3	
	1 PEAK FLO						2900	May 30 76 May 30		24000		
	1 PEAK STA									24.2		3 1997
		AC-FT)		156700			202800			343300		
	CENT EXCE			621			596			1270		
	CENT EXCE			154 3.7			171 9.			210		
90 PERC	CENT EXCE	פחי		3./			9.	T		11		

e Estimated

10311700 CARSON RIVER AT DAYTON, NV

LOCATION.--Lat 39°14'16", long 119°35'14", in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec. 23, T.16 N. R.21 E., Lyon County, Hydrologic Unit 16050202, on right bank, 400 ft downstream from bridge on Dayton Valley Road in Dayton.

DRAINAGE AREA.--1,090 mi².

PERIOD OF RECORD.--April 1994 to September 1997; October 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,350 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge,, 23,100 ft³/s, January 3, 1997, gage height 15.80 ft; minimum daily, 0.03ft³/s, September 9, 1994.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1955 is believed to have been approximately 30,000 ft³/s, based on slope-area measurement made near Carson City. Flood of February 1986, discharge approximately 13,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,080 ft³/s, May 30, gage height 18.04 ft; minimum daily, 1.0 ft³/s, October 1.

		DI	SCHARGE,	CUBIC FE			ER YEAR O AN VALUES		2 TO SE	PTEMBER 200	3	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.0	40	118	320	313	150	356	188	2380	143	5.2	4.7
2	e1.1	43	123	231	353	150	391	155	2140	99	5.4	5.2
3	e1.2	47	119	212	344	151	353	113	2010	72	25	4.0
4	e1.4	46	114	212	304	153	321	106	1860	58	29	3.5
5	e1.5	43	115	215	289	158	307	121	1830	58	27	e3.0
6	e1.7	56	119	217	272	153	286	131	1640	60	25	e2.6
7	e1.8	69	117	210	258	151	293	145	1550	51	21	5.2
8	e2.0	220	119	199	266	162	245	135	1570	45	19	7.4
9	e2.3	611	115	194	234	159	217	138	1570	40	18	6.3
10	e2.5	543	115	200	233	169	233	161	1510	35	16	7.3
11	e2.8	282	117	198	236	172	244	150	1320	29	15	6.5
12	e3.2	217	114	193	232	187	260	157	1190	22	13	4.0
13	e3.5	179	112	186	222	202	376	201	1070	19	9.4	4.0
14	e4.0	176	120	188	223	228	522	420	967	17	5.8	4.7
15	e4.5	166	174	186	220	297	486	616	897	14	2.2	3.6
16	e5.5	151	297	181	223	392	409	738	822	6.4	e1.5	3.4
17	e6.5	140	435	177	230	328	391	848	732	5.0	e1.5	3.3
18	e7.5	135	314	184	215	292	363	886	640	5.7	2.3	4.4
19	e9.0	130	204	180	205	256	336	889	537	2.9	2.3	e2.0
20	e10	126	138	183	200	236	322	933	441	2.3	2.4	e1.8
21	e12	126	162	189	191	216	335	997	395	2.4	2.9	e1.8
22	e15	131	152	190	183	206	312	1280	333	2.9	e2.5	e2.0
23	20	139	162	194	175	207	276	1710	303	16	e2.0	e2.0
24	23	136	151	243	168	242	233	e2000	289	17	5.8	e2.3
25	19	130	163	295	167	253	236	e2100	279	15	10	2.5
26	19	127	155	276	170	230	245	e2000	246	15	8.5	2.7
27	23	124	169	279	158	331	232	1760	212	14	7.8	2.8
28	25	116	e198	327	152	447	229	2110	211	9.2	4.8	2.7
29	30	116	e225	382		380	233	2490	206	7.3	5.1	3.3
30 31	53 45	116	253 270	337 319		323 319	207	2670 2830	189	6.3 4.2	3.9 3.5	3.7
31	43		270	313		319		2030		7.2	3.3	
TOTAL	357.0	4681	5259	7097	6436	7300	9249	29178	29339	893.6	302.8	112.7
MEAN	11.5	156	170	229	230	235	308	941	978	28.8	9.77	3.76
MAX	53	611	435	382	353	447	522	2830	2380	143	29	7.4
MIN AC-FT	1.0 708	40	112	177	152	150	207	106	189	2.3	1.5	1.8
AC-FT	708	9280	10430	14080	12770	14480	18350	57870	58190	1770	601	224
STATIST	TICS OF MO	ONTHLY MEA	AN DATA E	FOR WATER	YEARS 199	4 - 2003,	BY WATER	R YEAR (WY)			
MEAN	59.4	173	317	1030	584	810	719	1456	1243	442	78.5	26.9
MAX	120	305	660	3125	981	1315	1119	2206	2855	1786	314	57.9
(WY)	1996	1997	1997	1997	1996	1995	1996	1995	1995	1995	1995	1995
MIN	11.5	79.7	124	229	230	235	155	366	98.2	1.22	0.26	0.14
(WY)	2003	1995	1995	2003	2003	2003	1994	1994	1994	1994	1994	1994
SUMMAR	Y STATIST	CS			FOR 2	003 WATER	R YEAR			WATER YEAR	RS 1994	- 2003
ANNUAL	TOTAL				1002	05.1						
ANNUAL	MEAN				2	75				648		
	r annual n									866		1995
	ANNUAL ME									275		2003
	r daily me						May 31			23000		3 1997
	DAILY MEA						Oct 1				3 Sep	
	SEVEN-DAY M PEAK FLO						Oct 1 May 30			23100	6 Sep	5 1994 3 1997
	M PEAK FLO M PEAK STA						nay 30 Nay 30				Jan 4 May 3	
	RUNOFF (A				1988		1 50			469700	y J	- 2005
	CENT EXCE					70				1670		
	CENT EXCE					59				255		
90 PER	CENT EXCE	EDS				3.1				23		

e Estimated

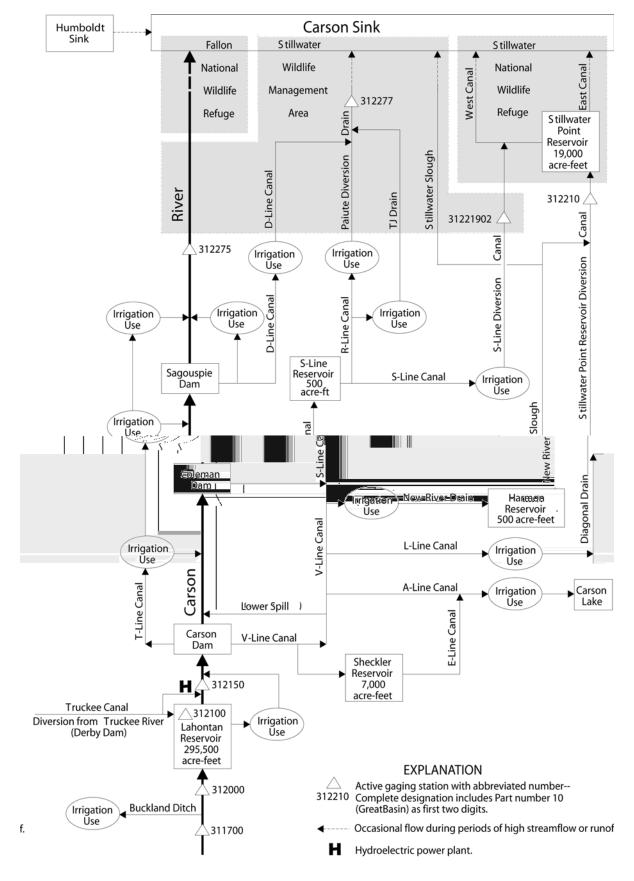


Figure 24. Schematic diagram of flow system and gaging stations in the Carson River basin downstream of station 311400.

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV

LOCATION (REVISED).--Lat 39°17'30", long 119°18'40", in NE $^1/_4$ SE $^1/_4$ sec.35, T.17 N., R.24 E., Lyon County, Hydrologic Unit 16050202, on left bank, 400 ft downstream from Buckland Ditch, 2.0 mi west of Fort Churchill, 4.5 mi upstream of Weeks Bridge, and at mi 30.82 upstream from Lahontan Reservoir.

DRAINAGE AREA.--1,302 mi² (Area at site when gage located at Weeks Bridge, 1,450 mi²).

PERIOD OF RECORD .-- April 1911 to current year.

REVISED RECORDS.--WSP 1514: 1917; WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,180 ft above NGVD of 1929, from topographic map. Prior to April 25, 1924, non recording gage at site 12.3 mi upstream at different datum. April 25, 1924 to December 31, 1933, water-stage recorder at site 12.5 mi upstream at different datum. January 1, 1934 to January 3, 1997 at various sites 4.5 mi upstream at different datums. Gage destroyed in January 1997 flood and relocated to Weeks Bridge February 1, 1997, at new datum. Relocated upstream 4.5 mi to previous site and datum, December 14, 1999.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Carson River Basin.

Discharge Gage height

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,300 ft³/ s, January 3, 1997, gage height, 15.27 ft; no flow at times, some years. EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,400 ft³/ s and maximum (*):

Discharge Gage height

No. Property Pro			Date	Time	2	(ft)		ate Time	(ft^3/s)	(ft)	igiit		
Defection Defe			May 3	1 0630	*2860	*7.02		No other peaks	greater than ba	se discharge	e.		
1 1.3 2.7 80 8315 311 149 341 193 2550 205 5.4 3.1 2 1.4 2.7 83 820 320 321 146 386 168 200 149 6.9 2.9 3 1.4 2.5 83 220 320 145 375 135 230 111 5.2 3.0 5 1.7 4.2 2.7 82 82 220 251 144 326 92 1940 71 7.8 3.2 5 1.7 4.2 2.7 82 82 221 277 166 36 220 92 1840 68 6.7 3.2 5 1.7 4.2 2.7 82 82 221 277 146 306 92 1840 68 6.7 3.2 6 2.0 5.0 79 211 277 146 306 92 1840 68 6.7 3.2 8 2.0 11 8 92 82 120 251 144 222 100 170 160 68 6.7 3.2 8 2.0 11 8 92 82 120 251 144 222 100 160 160 56 6.7 3.2 10 1.8 595 79 150 228 154 212 107 1620 44 5.3 3.1 11 2.3 349 77 197 220 169 241 116 140 39 5.1 3.2 11 2.4 219 80 150 222 177 244 104 133 100 4.2 3.4 11 2.4 219 80 150 222 177 244 104 133 100 4.2 3.4 11 2.5 2.6 149 94 175 223 135 137 140 130 100 17 4.0 3.1 11 2.1 33 184 77 182 226 188 390 100 120 120 120 17 4.0 3.1 11 3.3 184 97 17 182 226 188 390 100 120 120 17 4.0 3.1 11 3.1 18 18 19 19 19 19 120 220 188 390 100 120 120 120 17 4.0 3.1 11 3.1 18 18 19 19 19 19 120 220 220 221 173 244 104 133 100 4.2 3.4 11 3.3 184 97 17 182 226 188 390 100 17 4.0 3.1 11 3.1 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19			DISCHA	ARGE, CU	BIC FEET PE				2002 TO SE	PTEMBER	2003		
2 1.4 2.7 83 e280 321 145 386 168 2300 149 5.9 2.9 2.9 3 1.4 2.5 85 219 350 145 375 136 210 111 5.2 3.0 4 1.6 3.9 81 200 316 145 347 104 2010 84 6.7 3.1 4.1 5.2 3.9 81 200 316 145 347 104 2010 84 6.7 3.1 5.2 3.1 5.1 5.1 7 4.2 77 208 201 201 144 326 92 1940 77 7.8 3.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1													
1													
S													
The color of the													
8 2.0 11 81 201 224 144 282 104 1680 54 6.7 3.2 9 9 1 1 1 1 103 246 154 228 00 165 49 5.9 3.3 10 1.8 595 79 196 229 154 212 107 1620 44 5.3 3.5 3.5 11 2.3 349 77 197 230 169 241 116 1460 39 5.1 3.4 3.5 11 2.3 349 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 113 3.1 818 77 182 232 171 244 104 1330 30 4.2 3.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	6	2.0	5.0	79	211	277	146	306	92	1840	68	6.7	3.2
9 1.9 1.9 1.46 81 1.93 246 1.54 228 9.0 1650 49 5.9 3.3 10 1.8 595 79 196 229 154 212 107 1650 44 5.3 3.5 11 2.3 349 77 197 230 169 241 116 1460 39 5.1 3.4 12 2.4 239 80 190 232 171 244 104 1330 30 4.2 3.4 13 3.3 183 78 182 226 183 309 106 1220 25 4.2 3.4 14 3.8 154 77 176 220 197 452 193 1110 20 4.1 2.7 15 2.6 149 94 175 223 235 532 449 1010 17 4.0 3.1 16 1.2 133 158 171 220 309 462 554 99 101 7 4.0 3.1 16 1.2 133 158 171 220 309 462 554 99 101 7 3.9 3.9 3.1 17 1.0 117 326 165 227 368 425 771 817 13 3.9 3.7 18 0.95 107 382 166 226 311 411 872 752 12 3.9 4.1 19 1.2 100 250 170 122 280 386 891 647 11 3.7 4.3 20 1.4 96 179 168 203 248 353 958 574 10 3.4 3.8 21 1.5 92 142 173 197 227 356 1010 493 8.8 3.6 3.6 3.1 22 1.3 93 143 177 185 202 351 1210 456 7.1 4.2 3.1 23 1.2 99 147 179 177 186 318 1580 408 7.3 3.6 3.0 24 1.3 103 147 191 167 190 281 190 360 7.5 3.3 2.7 25 1.4 98 127 251 164 220 242 2140 350 99 6.4 3.2 2.3 26 1.7 94 e109 269 165 263 162 212 256 2100 278 7.2 3.6 2.7 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.2 27 1.8 99 2 e156 263 162 212 256 2100 278 7.2 3.6 2.7 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.2 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.2 27 1.8 99 2 e156 263 162 212 256 2100 278 7.2 3.6 2.7 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.2 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.2 29 2.1 81 e205 349 409 226 2430 259 6.4 3.2 2.6 30 2.4 80 e225 346 346 213 2590 234 5.1 3.0 2.2 31 3.2 248 322 320 21 322 290 244 5.1 3.0 3.7 4.5 2.1 8NIN 0.00 0.5 4 4.4 4.7 2.4 6.5 151 144 212 290 291 191 1600 3.7 191 191 190 190 300 230 200 248 5.1 3.0 2.2 8NIMAN 1.84 111 140 180 129 300 221 320 321 320 321 320 321 320 321 320 321 320 321 320 321 320 321 320 320 324 5.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0				82		261	144	298			62		
10													
11 2.3 349 77 197 230 169 241 116 1460 39 5.1 3.4 12 2.4 239 80 150 232 171 244 104 1330 30 4.2 3.4 13 3.3 183 78 182 226 183 309 106 1220 25 4.2 3.1 14 3.8 154 77 176 220 197 452 193 1110 20 4.1 2.7 15 2.6 149 94 175 223 238 532 449 1010 17 4.0 3.1 16 1.2 133 158 171 220 309 462 549 1010 17 4.0 3.1 16 1.2 133 158 171 220 309 462 549 1010 17 4.0 3.1 17 1.0 117 326 165 227 368 425 771 817 13 3.9 3.7 18 0.95 107 382 166 226 311 411 872 752 12 3.9 4.1 19 1.2 100 250 170 212 280 386 455 771 817 13 3.9 3.7 18 0.95 107 382 166 226 311 411 872 752 12 3.9 4.1 20 1.4 96 179 168 203 248 333 958 574 10 3.4 3.8 21 1.5 92 142 173 197 227 356 1010 493 8.8 3.6 3.1 22 1.3 93 143 177 185 202 351 1210 456 7.1 4.2 3.1 23 1.2 99 147 179 177 186 318 1580 408 7.3 3.6 3.0 24 1.3 103 147 151 167 190 281 1520 446 7.3 3.6 3.0 24 1.3 103 147 151 167 190 281 1590 300 7.5 3.3 2.7 25 1.4 98 127 251 164 220 251 120 270 274 550 100 279 7.2 2.5 27 1.8 92 243 322 248 322 320 246 243 259 6.4 3.2 2.3 29 2.1 81 826 283 369 346 213 259 249 251 100 279 7.2 3.6 2.3 29 2.1 81 820 324 324 322 320 2 2740 279 311 199 377 199 199 198 198 3 19													
12	10	1.8	595	79	196	229	154	212	107	1620	44	5.3	3.5
13													
14													
15													
16													
17	15	2.6	149	94	1/5	223	235	532	449	1010	1 /	4.0	3.1
18													
19													
1.4													
1													
1	20	1.4	36	1/5	100	203	240	333	936	5/4	10	3.4	3.0
1.2 99													
24													
1.4 98													
26 1.7 94 e109 269 165 214 257 2250 320 8.1 3.2 2.5 27 1.8 92 e156 263 162 212 256 2100 278 7.2 3.6 2.7 28 1.8 86 e186 282 151 390 233 2090 245 6.9 3.3 2.3 29 2.1 81 e205 349 409 226 2430 259 6.4 3.2 2.6 30 2.4 80 e225 346 346 213 2590 244 5.4 3.2 2.8 31 3.2 e248 322 320 320 2740 5.1 3.0 TOTAL 57.05 3324.9 4344 6804 6443 6857 9649 28330 32679 1167.8 140.1 93.4 MEAN 1.84 111 140 219 230 221 322 914 1089 37.7 4.52 3.11 MAX 3.8 595 382 349 350 409 532 2740 2550 205 7.8 4.3 MIN 0.95 2.5 77 165 151 144 212 90 234 5.1 3.0 2.3 AC-FT 113 6590 8620 13500 12780 13600 19140 56190 64820 2320 278 185 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2003, BY WATER YEAR (WY) MEAN 60.9 172 266 338 389 410 562 1908 961 249 33.4 16.9 MAX 481 1653 2540 3001 2378 1674 1475 2923 4141 1600 613 238 MIN 0.000 0.54 44.4 72.4 65.1 36.6 7.41 38.6 4.80 0.000 0.000 (WY) 1925 1960 1960 1961 1991 1961 1977 1977 1977 1992 1924 1924 1923 SUMMARY STATISTICS FOR DATA TOR STATISTICS FOR 202 CALENDAR YEAR 1914 1977 1977 1977 1977 1972 1923 1983 1983 1985 1983 1995 1995 1995 1995 1995 1995 1995 199													
1.8 92	23	1.4	36	127	231	104	220	242	2140	330	5.0	3.2	
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MEAN	ጥ ∩ጥ እ ፣.	57 05	3324 0	1311	6804	6113	6957	9619	28330	32670	1167 9	140 1	03 /
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MEAN 60.9 172 266 338 389 410 562 1098 961 249 33.4 1.9 MAX 481 1653 2540 3001 2378 1674 1475 2923 4141 1600 613 238 (WY) 1983 1951 1951 1997 1986 1995 1916 1969 1983 1995 1983 1983 MIN 0.000 0.54 44.4 72.4 65.1 36.6 7.41 38.6 4.80 0.000 0.000 0.000 (WY) 1925 1960 1960 1961 1991 1961 1977 1977 1992 1924 1924 1923 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1911 - 2003 ANNUAL TOTAL 67706.96 99889.25 ANNUAL MEAN 185 274 375 HIGHEST ANNUAL MEAN 185 274 36.3 1977 HIGHEST DAILY MEAN 1260 Apr 16 2740 May 31 20000 Jan 3 1997 LOWEST DAILY MEAN 0.73 Sep 28 0.95 Oct 18 0.00 Aug 27 1923 MAXIMUM PEAK FLOW 2860 May 31 22300 Jan 3 1997 MAXIMUM PEAK STAGE 7.02 May 31 15.27 Jan 3 1997 MAXIMUM PEAK STAGE 7.02 May 31 22300 Jan 3 1997 ANNUAL RUNOFF (AC-FT) 134300 198100 271700 10 PERCENT EXCEEDS 533 562 1030 50 PERCENT EXCEEDS 134	AC-FT	113	6590	8620	13500	12780	13600	19140	56190	64820		278	185
MAX 481 1653 2540 3001 2378 1674 1475 2923 4141 1600 613 238 (WY) 1983 1951 1951 1997 1986 1995 1916 1969 1983 1995 1983 1993 1983 1993 1983 </td <td>STATIST</td> <td>TICS OF</td> <td>MONTHLY MEAN</td> <td>DATA E</td> <td>FOR WATER Y</td> <td>EARS 1911</td> <td>- 2003</td> <td>, BY WATER</td> <td>YEAR (WY)</td> <td></td> <td></td> <td></td> <td></td>	STATIST	TICS OF	MONTHLY MEAN	DATA E	FOR WATER Y	EARS 1911	- 2003	, BY WATER	YEAR (WY)				
MAX 481 1653 2540 3001 2378 1674 1475 2923 4141 1600 613 238 (WY) 1983 1951 1951 1997 1986 1995 1916 1969 1983 1995 1983 1993 1983 1993 1983 </td <td>MEAN</td> <td>60.9</td> <td>172</td> <td>266</td> <td>338</td> <td>389</td> <td>410</td> <td>562</td> <td>1098</td> <td>961</td> <td>249</td> <td>33.4</td> <td>16.9</td>	MEAN	60.9	172	266	338	389	410	562	1098	961	249	33.4	16.9
MIN 0.000 0.54 44.4 72.4 65.1 36.6 7.41 38.6 4.80 0.000 0.000 0.000 (WY) 1925 1960 1960 1961 1991 1991 1961 1977 1977 1977 1992 1924 1924 1923 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1911 - 2003 ANNUAL TOTAL 67706.96 99889.25 ANNUAL MEAN 185 274 375 HIGHEST ANNUAL MEAN 185 274 375 HIGHEST DAILY MEAN 1260 Apr 16 2740 May 31 20000 Jan 3 1997 LOWEST DAILY MEAN 0.73 Sep 28 0.95 Oct 18 0.00 Aug 27 1923 ANNUAL SEVEN-DAY MINIMUM 0.85 Sep 23 0.95 Oct 18 0.00 Aug 27 1923 ANXIMUM PEAK STAGE 7.02 May 31 22300 Jan 3 1997 MAXIMUM PEAK STAGE 7.02 May 31 22300 Jan 3 1997 ANNUAL RUNOFF (AC-FT) 134300 198100 271700 10 PERCENT EXCEEDS 533 562 1030 50 PERCENT EXCEEDS 134	MAX	481	1653	2540	3001	2378	1674	1475	2923	4141	1600	613	238
MY 1925				1951				1916	1969	1983			
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50 PERCENT EXCEEDS 134 147 170													
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	90 PERC	CENT EXC	EEDS		1.3			2.7			0.10		

e Estimated

10312100 LAHONTAN RESERVOIR NEAR FALLON, NV

LOCATION.--Lat 39°27'45", long 119°04'00", in SW $^{1}/_{4}$ SE $^{1}/_{4}$ sec.33, T.19 N., R.26 E., Churchill County, Hydrologic Unit 16050202, in outlet control house on upstream side of Lahontan Dam on Carson River, 18 mi west of Fallon.

DRAINAGE AREA.--1,799 mi², (not including inflow from Truckee Canal).

PERIOD OF RECORD.--January 1917 to current year. Monthly contents only for January 1917 to September 1960, published in WSP 1734. REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder since December 1999 and float tape with surface contact detector. Prior to 1956, float tape. Datum of gage is above NGVD of 1929. Prior to 1966, at datum 3.73 ft lower (Bureau of Reclamation datum).

REMARKS.--Reservoir is formed by earth and gravel-fill dam, constructed by U.S. Bureau of Reclamation. Storage began sometime between the completion of the dam in June 1915 and the beginning of the period of record, January 1917. Capacity, 295,500 acre-ft between elevations, 4,060.0 ft, invert of outlet conduit, and 4,162.0 ft, spillway crest; includes 91 acre-ft of dead storage below elevation, 4,070 ft. Surface area at spillway elevation, 13,470 acres. Water is used for irrigation of 87,500 acres in Newland Project. Figures given herein represent total contents and are computed from 0800 hour readings, based on capacity table dated March 9, 1989. Reservoir stores water from Carson River and from Truckee River via Truckee Canal at Derby Dam. Inflow is regulated by Lake Tahoe (station 10337000), Donner Lake (station 10338400), Prosser Creek (station 10340300), Stampede (station 10344300), Boca (station 10344490), other reservoirs, and Derby Dam. Extensive irrigation above reservoir in Carson and Truckee River basins. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed (20-inch flashboard on weir), 328,600 acre-ft, June 16, 1942, elevation, 4,164.43 ft; minimum observed, 91 acre-ft, September 7-9, 1929, elevation, 4,070.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 245,600 acre-ft, June 16-18, elevation, 4,157.55 ft; minimum, 71,860 acre-ft, November 2-3, elevation, 4,128.70 ft.

Capacity	table,	(elevation,	in	feet,	and	contents,	in	acre-fee	t
4,095	7,96	0 4,1	L20	46,	150	4,1	45	150,800	1
4,100	12,76	0 4,1	L25	59,	780	4,1	50	183,600	1
4,105	18,84	0 4,1	L30	76,	650	4,1	55	222,800	1
4,110	26,12	0 4,1	135	97,	990	4,1	60	270,700	i
4.115	34 99	0 4.1	40	122	800	4 1	65	339 900	

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79840	72000	90410	115600	139200	169000	200400	219300	225800	230100	186700	142000
2	79130	71930	90900	116500	139200	169700	201200	218500	228700	228600	185700	140900
3	78460	71900	91510	117400	139200	170800	202500	217800	230900	227000	184400	139700
4	77830	72040	92090	118000	139200	171500	203800	217100	232900	225400	183400	138600
5	77550	72180	92530	118400	145500	172300	205400	216000	234700	224100	182400	137300
6	77240	72390	92980	118900	146500	173000	207000	215200	236200	222800	181100	135700
7	76840	72640	93470	119300	147300	173800	208200	214300	237700	221800	179900	134200
8	76460	72890	93830	119800	148400	174600	209400	213700	239000	221800	178700	132600
9	76160	73300	94200	120300	149500	175400	210600	212900	240300	221800	177500	131400
10	75790	73860	94610	120700	150700	176100	211300	212300	241500	217500	175900	130200
11	75490	74530	94880	121000	151700	176900	211900	211800	242800	216000	174600	129000
12	75270	75230	95390	121500	152600	177700	212500	211800	243700	214400	172900	127800
13	74970	75750	95890	121900	153600	178500	212900	211100	244300	212300	171300	126500
14	74900	76130	96300	122200	154700	179400	213900	210300	245100	210600	169700	125300
15	74790	76540	96670	122500	155500	180200	214900	208900	245300	208800	168200	123900
16	74530	77630	98130	122800	156800	181400	216100	207700	245500	208800	166500	122500
17	74260	78580	98880	123300	157700	182700	217300	206400	245600	208800	164700	121000
18	74000	79680	100400	123500	158900	184400	218200	205600	245100	208800	162900	119900
19	73670	80590	101700	123900	159900	185700	218800	205300	244700	203200	161200	118800
20	73300	81530	102800	124200	161000	186900	219300	205000	243600	202000	159400	117700
21	72920	82530	103800	124600	162000	188200	219700	204900	242700	200800	157500	116700
22	72640	83350	104600	125200	162800	189300	220400	205100	241700	199800	156100	115700
23	72500	84210	105600	125700	163900	189800	221100	205700	240800	198500	154600	114700
24	72500	85050	106600	125700	164700	191200	221800	206700	239700	197200	153200	113600
25	72430	85870	107700	125700	165700	192500	221700	208200	238800	196000	151800	112600
26	72360	86680	108600	125700	166300	194500	221500	210600	237700	194900	150300	111500
27	72540	87450	109700	125700	167600	194500	221200	213400	236500	193800	148800	110200
28	72570	88300	110900	125700	168200	195600	221300	215900	235000	192600	147500	109000
29	72540	89080	111700	133900		196700	220300	218000	233600	191200	146000	107800
3 0	72500	89740	113100	135800		197900	219900	220300	231800	189900	144600	106800
31	72250		114800	137500		199000		222800		188300	143300	
MAX	79840	89740	114800	137500	168200	199000	221800	222800	245600	230100	186700	142000
MIN	72250	71900	90410	115600	139200	169000	200400	204900	225800	188300	143300	106800
#	4128.81	4133.17	4138.45	4142.68	4147.76	4152.06	4154.66	4155.01	4156.04	4150.64	4143.70	4136.86
##	-8420	+17490	+25060	+22700	+30700	+30800	+20900	+2900	+9000	-43500	-45000	-36500

CAL YR 2002 MAX 224800 MIN 71900 ## -13900 WTR YR 2003 MAX 245600 MIN 71900 ## +26130

[#] Elevation, in feet above NGVD 1929, at end of month.

^{##} Change in contents, in acre-feet.

10312150 CARSON RIVER BELOW LAHONTAN RESERVOIR NEAR FALLON, NV

 $LOCATION.--Lat\ 39^{\circ}27'50", long\ 119^{\circ}02'45", in\ E\ ^{1}/_{2}\ SE\ ^{1}/_{4}\ sec.\ 34,\ T.19\ N.,\ R.26\ E.,\ Churchill\ County,\ Hydrologic\ Unit\ 16050203,\ on\ right\ bank,\ 1.1\ mi\ downstream\ from\ Lahontan\ Dam,\ 15\ mi\ west\ of\ Fallon,\ and\ at\ mi\ 1.16\ downstream\ from\ Lahontan\ Reservoir.$

DRAINAGE AREA.--1,801 mi², excludes inflow from Truckee Canal.

PERIOD OF RECORD .-- October 1966 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,040 ft above NGVD of 1929, from topographic map.

REMARKS.-- Records good. Flow regulated by Lahontan Reservoir (station 10312100), capacity 295,500 acre-ft, and other upstream regulations. One diversion, approximately 2,500 acre-ft per year, between gage and Lahontan Reservoir. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,160 ft 3 / s, June 23, 1983, gage height, 8.34 ft; minimum daily, 0.24 ft 3 / s, October 18, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,030 ft³/s, July 11-13, gage height, 5.64 ft; minimum daily, 3.1 ft³/s, many days in January.

DAY			DIS	CHARGE, CU	BIC FEET PE		, WATER Y LY MEAN V	EAR OCTOBER ALUES	2002 TO SE	PTEMBER	2003		
2 376 326 8.4 3.8 3.7 3.6 3.8 518 705 1010 604 513 3 317 278 326 8.4 3.8 3.7 3.0 3.6 3.9 522 514 709 909 645 541 605 4 325 219 9.1 3.1 4.1 4.0 221 498 721 501 501 605 5 325 120 8.2 3.2 4.3 4.1 4.0 221 498 721 501 501 605 6 383 167 8.2 3.2 4.2 4.2 4.2 293 461 726 726 464 637 7 399 218 8.2 3.2 3.4 3.7 4.3 141 608 7 399 218 8.2 3.2 3.4 3.7 4.3 141 608 8 198 229 8.3 3.4 3.7 4.3 141 608 8 198 229 8.3 3.4 3.7 4.3 141 608 8 198 229 8.3 3.4 3.7 4.3 141 608 8 198 220 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 3.4 3.7 4.3 141 608 8 198 240 8.3 141 608 8 198 240 8.3 14 3.1 3.9 4.7 543 230 675 1030 608 614 11 389 265 8.3 3.3 4.1 5.8 58 500 459 637 799 674 642 11 388 260 8.1 3.1 3.9 4.7 543 230 675 1030 676 649 11 389 265 8.3 3.3 4.1 5.8 58 500 459 637 799 674 642 11 389 265 8.3 3.3 4.1 5.8 58 500 459 637 799 674 642 11 340 470 6.8 33.3 4.1 5.7 509 802 656 993 755 771 16 432 9.3 7.2 50 3.1 3.0 6.5 5.8 500 893 785 667 993 755 771 16 442 9.3 7.2 50 3.1 3.0 6.5 5.8 500 893 785 667 993 755 771 16 442 9.3 7.2 50 3.1 3.0 6.2 246 823 863 660 809 547 19 446 8.6 6.5 5.0 3.1 3.0 6.2 246 823 863 660 809 547 20 447 9.3 5.0 3.1 3.0 6.2 246 823 863 863 860 809 862 20 447 9.3 5.0 3.1 3.0 6.2 246 823 863 863 860 809 862 21 440 10 4.9 4.9 3.5 5.0 3.1 4.0 6.2 246 823 863 863 860 809 862 22 42 42 40 4.9 4.5 3.0 3.0 3.0 8.9 800 800 800 800 800 800 800 800 800 80	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2 336 8.6 8.4 3.8 3.7 3.6 3.8 518 705 1010 644 513 3 337 278 8.6 8.6 3.3 3.6 3.9 252 514 709 905 1010 645 513 4 325 215 100 9.1 3.1 4.1 4.0 221 499 721 501 411 600 5 325 100 9.1 3.1 4.1 4.0 221 499 721 501 411 600 6 338 218 0.2 3.2 4.3 4.2 4.2 2.23 478 721 508 447 659 7 389 218 0.2 3.2 1.0 4.3 1.0 4.6 2.2 1.0 4.6 2.2 1.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	1	404	330	8.3	3.6	3.8	3.8	433	506	693	985	702	540
4 325 219	2	376	326	8.4	3.8	3.7	3.6	388	518	705	1010	604	513
The color of the	3	337	278	8.6	3.3	3.6	3.9	252	514	709	990	455	545
6 188 187 8.2 1.2 4.2 4.2 293 461 726 726 464 69 73 399 218 8.2 3.2 3.6 4.6 343 429 726 703 469 671 8 388 219 8.3 3.1.4 3.7 4.3 3141 416 666 865 464 663 3 388 219 8.3 3.1.4 3.7 4.3 3141 416 666 865 464 663 3 388 219 8.3 3.1.4 3.7 4.6 3143 416 666 865 465 466 663 3 388 219 8.3 3.1.4 3.7 4.6 3143 416 666 865 465 466 663 3 388 219 8.3 3.1.4 3.9 4.7 4.6 425 277 638 580 500 607 607 611 31 31 31 31 31 31 31 31 31 31 31 31 3	4	325	219	9.1	3.1	4.1	4.0	221	498	721	951	411	600
8 389 218 8.2 3.2 3.6 4.6 343 429 725 703 459 671 8 388 249 8.3 3.4 3.7 4.3 391 338 446 686 865 454 663 9 388 249 8.3 3.4 3.7 4.4 4.5 391 338 645 923 551 621 11 389 265 8.3 3.4 3.7 4.4 425 277 635 950 620 607 11 388 250 8.1 3.1 3.9 4.7 548 239 671 978 621 612 12 388 250 8.1 3.1 3.9 4.7 549 239 671 978 621 612 11 3377 257 7.4 3.1 4.0 5.6 520 459 637 979 674 641 13 310 276 8.6 3.3 4.1 5.3 510 655 619 13 978 621 612 11 3377 257 7.4 3.1 4.0 5.6 520 459 637 979 674 641 14 310 276 8.6 3.3 4.1 5.7 550 802 636 953 735 771 16 89 15 364 70 6.8 5.3 3.1 3.9 4.7 5.7 550 802 636 953 735 771 16 16 432 9.3 6.2 54 54 54 54 54 54 54 54 54 54 54 54 54	5	325	190	8.3		4.3	3.6	221	478	731	808	447	659
8 388 339 8.3 3,4 3.7 4.3 443 416 686 865 454 663 99 531 621 10 387 270 8.3 3.4 3.7 4.3 131 338 645 525 551 621 10 387 270 8.3 3.4 3.7 4.4 4.5 277 635 950 620 627 11 388 250 8.3 3.4 3.7 4.4 4.2 25 277 635 950 620 627 11 389 255 8.3 3.1 3.9 4.5 4.8 239 675 1000 650 620 627 11 389 250 8.1 3.1 3.9 4.5 4.8 239 675 1000 650 619 11 3137 257 7.4 4.1 4.1 5.5 510 655 619 979 774 641 14 310 276 8.6 5.3 4.1 5.7 509 802 636 953 735 711 16 89 15 364 70 6.8 3.3 4.1 5.3 510 655 619 979 710 689 15 364 70 6.8 3.3 4.1 5.3 510 655 619 979 710 689 17 445 18 18 480 10 5.8 5.8 5.8 508 893 785 687 807 647 18 18 480 10 5.8 5.1 3.8 5.2 400 823 883 785 687 807 647 18 18 480 10 5.8 5.1 3.3 4.0 5.8 508 893 785 687 807 647 18 647 9.3 5.0 5.1 3.1 3.6 5.8 508 893 785 687 807 647 18 647 9.3 5.0 5.1 3.1 3.6 5.8 508 893 785 687 807 647 18 647 9.3 5.0 5.1 3.3 9.6 6.4 425 886 654 736 811 782 692 19 448 8.6 5.5 5.3 5.0 5.1 3.9 6.4 70 6.2 346 893 785 687 807 647 18 647 9.3 5.0 5.1 3.1 3.6 6.2 286 762 885 661 786 811 612 20 447 9.3 5.0 5.1 3.3 9.6 6.4 425 886 654 736 811 612 20 447 9.3 5.0 5.1 3.3 9.6 6.4 425 886 654 736 811 612 20 447 9.3 5.0 5.1 3.3 9.6 6.4 425 886 654 736 811 612 20 447 9.3 5.5 3.9 6.2 217 735 803 734 662 523 23 355 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 752 640 554 752 640 752 64	6	383	187	8.2		4.2		293	461	726	726		
9 388 245 8.3 3.4 3.9 4.3 391 338 645 925 551 621 11 389 265 8.3 3.4 3.7 4.4 425 277 636 560 607 11 389 265 8.3 3.1 3.9 4.5 488 239 671 978 621 612 12 388 250 8.1 3.1 3.9 4.7 543 200 675 1030 650 619 13 337 257 7.4 3.3 4.1 5.3 510 655 619 14 310 277 8.6 3.3 4.1 5.7 543 200 675 1030 650 619 14 310 277 8.6 3.3 4.1 5.3 510 655 639 979 710 661 14 310 277 8.6 3.3 4.1 5.3 510 655 639 979 710 663 15 344 70 6.8 3.3 4.1 5.3 510 655 639 979 710 663 16 432 9.3 7.2 3.1 3.8 5.5 510 881 675 811 782 692 17 452 9.3 6.4 3.1 3.6 5.5 508 881 675 667 807 647 18 450 10 5.8 3.1 3.8 5.2 480 873 848 718 801 629 19 448 8.6 5.0 3.1 3.9 6.4 425 846 847 718 801 629 20 447 9.3 5.0 3.1 4.0 6.2 346 833 953 660 809 547 21 450 10 4.9 3.5 3.1 4.0 6.2 346 833 953 660 809 547 22 402 10 4.9 3.5 3.1 4.0 6.2 246 833 953 660 809 547 22 402 10 4.9 3.5 3.3 3.8 5.8 218 709 709 747 752 660 552 23 355 11 5.1 5.1 2.2 4.0 6.1 189 709 747 752 660 553 551 24 336 12 5.0 3.3 3.8 5.8 5.8 218 708 730 755 637 573 25 333 10 4.9 3.5 3.7 23 268 641 791 729 635 561 26 294 9.9 4.5 1.6 3.7 149 338 533 825 664 654 652 533 27 270 8.4 4.3 3.6 3.7 374 372 268 641 791 729 635 561 28 294 9.9 4.5 1.6 3.7 149 338 533 825 664 654 652 533 28 335 10 4.9 3.5 3.7 23 268 641 791 792 777 752 660 563 561 28 294 9.9 4.5 1.6 3.7 149 338 533 825 664 654 652 633 630 630 630 630 630 630 630 630 630	7	389	218	8.2	3.2	3.6	4.6	343	429	725	703	459	671
10 387 270 8.3 3.4 3.7 4.4 4.5 277 635 950 620 607 11 389 265 8.3 3.1 3.9 4.5 488 239 671 978 621 612 12 388 250 8.1 3.1 3.9 4.5 543 230 675 1030 650 619 13 337 257 7.4 3.1 4.0 5.6 520 459 637 979 674 641 144 310 276 8.6 3.3 4.1 5.3 510 655 619 959 710 669 15 364 70 6.8 3.3 4.1 5.7 509 802 636 953 735 771 16 432 9.3 7.2 3.1 3.8 5.5 510 881 675 811 782 602 17 452 9.3 6.4 3.1 3.6 5.8 508 893 785 687 807 647 18 450 10 5.8 3.1 3.8 5.5 510 881 675 811 782 602 19 448 8.6 5.0 3.1 3.9 6.4 425 846 854 716 814 612 20 447 9.3 5.0 3.1 4.0 6.2 286 762 855 661 748 814 612 21 450 10 4.9 3.2 4.1 6.2 286 762 855 661 748 814 612 22 402 10 4.9 3.5 3.9 6.2 217 735 803 714 662 523 23 355 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 24 338 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 24 338 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 24 338 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 24 338 11 5.1 3.2 4.0 6.1 189 709 747 752 650 553 25 29 314 8.3 4.3 3.6 3.7 149 318 533 825 664 654 652 523 26 294 9.9 4.5 3.6 3.7 149 318 533 825 666 659 553 26 294 9.9 4.5 3.6 3.7 149 318 533 825 666 659 556 27 270 8.4 4.3 3.6 3.7 149 318 533 825 666 659 556 28 267 8.3 4.4 3.3 3.6 3.7 149 318 533 825 666 659 556 30 334 8.3 4.3 3.7 455 479 667 924 663 615 779 7071L 1106 3762.7 20.3 3 103.5 108.5 247.9 1129 18380 2251 2498 1910 3590 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 6158 1139 1193 1993 1993 1993 1993 1993 199	8	388	239	8.3	3.4	3.7	4.3	343	416	686	865	454	663
11 389 265 8.3 3.1 3.9 4.5 488 239 671 978 621 612 122 388 250 8.1 3.1 3.9 4.7 543 230 675 1030 650 619 123 337 257 7.4 3.1 4.0 5.6 520 459 637 979 674 641 14 310 276 8.6 3.3 4.1 5.3 510 655 619 959 710 689 15 364 70 6.8 3.3 4.1 5.7 509 802 636 619 959 710 689 15 364 70 6.8 3.3 4.1 5.7 509 802 636 619 959 710 689 170 689	9	388	245	8.3		3.9	4.3	391	338	645	925	551	
12 388 250 8.1 3.1 3.9 4.7 543 230 675 1030 650 619 13 337 257 7.4 3.1 4.0 5.6 520 459 637 979 674 641 14 310 276 8.6 3.3 4.1 5.3 510 655 619 959 710 689 15 364 70 6.8 3.3 4.1 5.7 509 802 636 953 735 735 711 16 432 9.3 7.2 3.1 3.8 5.5 510 881 675 811 782 692 17 452 9.3 6.4 3.1 3.6 5.8 508 893 785 687 807 647 18 455 10 5.8 3.1 3.8 5.2 480 893 785 687 807 647 19 450 10 5.8 3.1 3.8 5.2 480 893 785 687 807 647 19 449 8.6 5.0 3.1 3.9 6.4 425 846 884 718 801 629 19 449 8.6 5.0 3.1 3.9 6.4 425 846 884 718 801 629 19 449 8.6 5.0 3.1 3.9 6.4 425 846 884 718 801 629 10 447 9.3 5.0 3.1 4.0 6.2 346 823 883 680 899 874 21 450 10 4.9 3.2 4.1 6.2 286 762 855 661 748 519 22 402 10 4.9 3.5 3.9 6.2 217 735 803 734 662 523 23 355 11 5.1 3.2 4.0 6.1 189 709 747 752 640 554 24 336 12 5.0 3.3 3.8 5.8 218 708 730 755 637 5573 25 333 10 4.9 3.5 3.7 149 338 533 825 664 646 654 612 26 294 9.9 4.5 3.6 3.7 149 338 533 825 664 654 654 612 27 270 8.4 4.3 3.8 3.7 349 338 533 825 664 654 654 612 28 267 8.3 4.4 3.3 8.3 7.9 463 357 623 833 825 664 654 654 612 29 27 270 8.4 4.3 3.8 3.7 349 338 533 825 660 664 654 612 20 314 8.3 4.3 4.0 1 431 577 679 679 944 655 637 557 613 600 804 800 800 800 800 800 800 800 800 8	10	387	270	8.3	3.4	3.7	4.4	425	277	635	950	620	607
13 337 257 7.4 3.1 4.0 5.6 520 459 637 979 674 661 14 310 276 8.6 3.3 4.1 5.3 510 655 619 959 710 6691 15 364 70 6.8 3.3 4.1 5.7 509 802 636 939 735 735 711 16 432 9.3 7.2 3.1 3.8 5.5 510 881 675 811 782 692 17 452 9.3 6.4 3.1 3.6 5.8 508 893 775 667 807 667 18 450 10 5.8 3.1 3.8 5.2 480 873 848 718 801 629 19 448 8.6 5.0 3.1 3.9 6.4 425 846 823 833 680 899 547 20 447 9.3 5.0 3.1 4.0 6.2 346 823 853 680 899 547 21 450 10 4.9 3.5 3.1 3.9 6.4 225 846 823 853 680 899 547 22 450 10 4.9 3.5 3.3 3.9 6.2 2287 735 801 734 662 532 23 455 11 5.1 3.2 4.0 6.1 119 709 747 745 662 532 24 4336 12 5.0 3.3 3.8 5.8 3.9 6.2 218 708 730 747 755 637 573 25 333 10 4.9 3.5 3.7 23 268 641 791 792 649 555 253 26 294 9.9 4.5 3.6 3.7 3.8 5.8 218 708 730 755 637 573 26 294 9.9 4.5 3.6 3.7 3.9 3.8 5.8 533 825 664 654 654 612 27 270 8.4 4.3 3.6 3.7 374 372 534 831 610 659 616 28 267 8.3 4 8.3 4.3 3.7 22 340 257 8.3 4 831 610 659 616 28 28 267 8.3 4 4.3 3.6 3.7 374 372 534 831 610 659 616 28 267 8.3 4 4.3 3.6 3.7 374 372 534 831 610 659 616 28 267 8.3 4 4.3 3.6 3.7 374 372 534 831 610 659 616 28 267 8.3 4 4.3 3.8 3.9 463 537 624 893 609 653 660 29 314 8.3 4.3 3.7 22 445 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 445 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 445 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 445 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 445 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 845 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 845 416 655 903 668 650 536 30 334 8.3 4.3 3.7 22 845 416 655 903 668 650 536 30 334 8.3 4.3 4.0 22 82 82 82 82 82 82 82 82 82 82 82 82													
14 310 276 8.6 3.3 4.1 5.3 510 655 619 959 710 689 15 364 70 6.8 3.3 4.1 5.3 510 655 619 959 710 689 16 432 9.3 7.2 3.1 3.8 5.5 510 881 675 811 782 692 17 452 9.3 6.4 3.1 3.6 5.8 508 893 785 687 807 647 18 450 10 5.8 3.1 3.8 5.5 580 893 785 687 807 647 18 450 10 5.8 3.1 3.8 5.2 400 873 848 718 801 629 19 448 8.6 5.0 3.1 3.9 6.4 425 846 854 736 814 612 20 447 9.3 5.0 3.1 4.0 6.2 346 823 808 809 954 21 450 10 4.9 3.2 4.1 6.2 286 762 853 660 809 954 22 402 10 4.9 3.5 3.9 6.2 217 755 803 774 662 523 23 355 11 5.1 3.2 4.0 6.1 199 709 747 752 640 553 24 336 12 5.0 3.3 3.8 5.8 218 708 730 755 637 573 25 333 10 4.9 3.5 3.7 149 338 531 825 664 654 661 581 24 336 12 5.0 3.3 3.8 5.8 218 708 730 755 637 7573 25 333 10 4.9 3.5 3.7 149 338 531 825 664 654 651 661 628 622 623 623 623 623 623 623 623 623 623													
15													
16													
17	15	364	70	6.8	3.3	4.1	5.7	509	802	636	953	735	711
18													
19													
1													
21													
22	20	447	9.3	5.0	3.1	4.0	6.2	346	823	853	680	809	547
1	21	450	10	4.9	3.2	4.1	6.2	286	762	855	661	748	519
24	22	402	10	4.9	3.5	3.9	6.2	217	735	803	734	662	523
1	23	355	11	5.1	3.2	4.0	6.1	189	709	747	752	640	554
26	24	336	12	5.0	3.3	3.8	5.8	218	708	730	755	637	573
27	25	333	10	4.9	3.5	3.7	23	268	641	791	729	635	581
28	26	294	9.9	4.5	3.6	3.7	149	338	533	825	664	654	612
1	27	270	8.4	4.3	3.6	3.7	374	372	534	831	610	659	616
30 334 8.3 4.3 4.0 455 479 667 924 683 615 474 31 332 4.1 3.1 431 676 689 596 TOTAL 11406 3762.7 203.3 103.5 108.5 2473.9 11289 18380 22531 24998 19719 18099 MEAN 368 125 6.56 3.34 3.88 79.8 376 593 751 806 636 603 MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 3.6 189 230 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 3646 4690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1983 1984 1997 1997 1986 1986 1986 1996 1983 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 1955 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1992 1991 1977 1992 1992 1992 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR STATISTICS FOR 2003 WATER YEAR (WY) ANNUAL TOTAL 358 358 365 508 361 1983 1983 1983 1983 1993 1993 1993 199	28	267	8.3	4.4	3.8	3.9	463	357	624	893	609	653	600
31 332 4.1 3.1 431 676 689 596 TOTAL 11406 3762.7 203.3 103.5 108.5 2473.9 11289 18380 22531 24998 19719 18099 MEAN 368 125 6.56 3.34 3.88 79.8 376 593 751 806 636 603 MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 3.6 189 230 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1983 1984 1997 1997 1986 1986 1996 1983 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 195 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1993 1993 1993 1993 1993 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1967 - 2003 ANNUAL MEAN 358 365 503 HIGHEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 0ct 18 1994 HIGHEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 0ct 18 1994 MAXIMUM PEAK STAGE 1030 Jul 11 3160 Jun 23 1983 ANNUAL RENFERD 259000 264000 364100 10 PERCENT EXCEEDS 739 783 383 484	29	314	8.3	4.3	3.7		459	416	655	903	668	650	536
TOTAL 11406 3762.7 203.3 103.5 108.5 2473.9 11289 18380 22531 24998 19719 18099 MEAN 368 125 6.56 3.34 3.88 79.8 376 593 751 806 636 603 MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 3.6 189 220 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1983 1994 1997 1997 1986 1986 1996 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 195 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1993 199	30	334	8.3	4.3	4.0		455	479	667	924	683	615	474
MEAN 368 125 6.56 3.34 3.88 79.8 376 593 751 806 636 603 MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 3.6 189 230 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 2003, BY WATER YEAR (WY) MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1997 1997 1997 1986 1986 1996 1983 1983 1983 (WY) 1993 1993 1993 1993 1993	31	332		4.1	3.1		431		676		689	596	
MEAN 368 125 6.56 3.34 3.88 79.8 376 593 751 806 636 603 MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 3.6 189 230 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 2003, BY WATER YEAR (WY) MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1997 1997 1997 1986 1986 1996 1983 1983 1983 (WY) 1993 1993 1993 1993 1993	TOTAL	11406	3762 7	203 3	103 5	108 5	2473 9	11289	18380	22531	24998	19719	18099
MAX 452 330 9.1 4.0 4.3 463 543 893 924 1030 814 711 MIN 267 8.3 4.1 3.1 3.6 189 230 619 609 411 474 AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 3910 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1997 1997 1986 1986 1996 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 195													
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AC-FT 22620 7460 403 205 215 4910 22390 36460 44690 49580 39110 35900 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2003, BY WATER YEAR (WY) MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1983 1984 1997 1997 1986 1986 1996 1983 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 195 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1993 199													
MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599													
MEAN 321 124 48.5 131 167 260 642 941 1023 936 821 599 MAX 802 639 861 1756 1578 1392 1453 1619 2147 1745 1285 1112 (WY) 1984 1983 1984 1997 1997 1986 1986 1996 1983 1983 1983 1983 MIN 0.47 0.50 0.49 0.61 0.91 1.29 195 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1993 199	CHARTCH			AN DAMA E	OD MARKED V	TEADO 100							
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MY													
MIN 0.47 0.50 0.49 0.61 0.91 1.29 195 426 514 352 0.74 0.63 (WY) 1993 1993 1993 1993 1993 1993 1993 199	MAX	802	639	861	1756	1578	1392	1453	1619	2147	1745	1285	1112
MY		1984		1984	1997	1997	1986	1986	1996	1983			
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1967 - 2003 ANNUAL TOTAL 130575.9 133073.9 ANNUAL MEAN 358 365 503 HIGHEST ANNUAL MEAN 1066 1983 LOWEST ANNUAL MEAN 181 1992 HIGHEST DAILY MEAN 883 Jul 5 1030 Jul 12 3160 Jun 23 1983 LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 Oct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 ANNUAL SEVEN-BAY STAGE 1030 Jul 11 3160 Jun 23 1983 MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 386 383 484	MIN	0.47	0.50	0.49	0.61	0.91	1.29	195	426	514	352		
ANNUAL TOTAL 130575.9 133073.9 ANNUAL MEAN 358 365 503 HIGHEST ANNUAL MEAN 1066 1983 LOWEST ANNUAL MEAN 181 1992 HIGHEST DAILY MEAN 883 Jul 5 1030 Jul 12 3160 Jun 23 1983 LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 Oct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 MAXIMUM PEAK FLOW 1030 Jul 11 3160 Jun 23 1983 MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 386 383 484	(WY)	1993	1993	1993	1993	1993	1992	1991	1977	1992	1992	1992	1992
ANNUAL MEAN 358 365 503 1066 1983 1066 1993 1066 1993 1066 1993 1066 1993 1066 1993 1066 1993 1066 1993 1068 1068 1068 1068 1068 1068 1068 1068	SUMMARY	STATIS'	TICS	FOR	2002 CALEN	IDAR YEAR	1	FOR 2003 W	ATER YEAR		WATER YEA	RS 1967 -	2003
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST DAILY MEAN 883 Jul 5 1030 Jul 12 3160 Jun 23 1983 LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 Oct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 386 383 484	ANNUAL	TOTAL			130575.9			133073.9					
LOWEST ANNUAL MEAN 883 Jul 5 1030 Jul 12 3160 Jun 23 1983 LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 0ct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 MAXIMUM PEAK FLOW 1030 Jul 11 3160 Jun 23 1983 MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 386 383 484	ANNUAL	MEAN			358			365			503		
HIGHEST DAILY MEAN 883 Jul 5 1030 Jul 12 3160 Jun 23 1983 LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 Oct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 MAXIMUM PEAK FLOW 1030 Jul 11 3160 Jun 23 1983 MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 386 383 484	HIGHEST	C ANNUAL	MEAN								1066		1983
LOWEST DAILY MEAN 3.6 Mar 16 3.1 Jan 4 0.24 Oct 18 1994 ANNUAL SEVEN-DAY MINIMUM 4.4 Dec 25 3.1 Jan 15 0.28 Oct 18 1994 MAXIMUM PEAK FLOW 1030 Jul 11 3160 Jun 23 1983 MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 383 484	LOWEST	ANNUAL I	MEAN										
MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 10 PERCENT EXCEEDS 386 383 1050 Jun 23 1983 3 1983 3 1050 3 484													
MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 10 PERCENT EXCEEDS 386 383 1050 Jun 23 1983 3 1983 3 1050 3 484	LOWEST	DAILY M	EAN		3.6	Mar 16		3.1	Jan 4		0.2	4 Oct 18	1994
MAXIMUM PEAK STAGE 5.64 Jul 12 8.34 Jun 23 1983 ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 383 484					4.4	Dec 25	;	3.1	Jan 15		0.2	8 Oct 18	1994
ANNUAL RUNOFF (AC-FT) 259000 264000 364100 10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 383 484	MAXIMUM	M PEAK F	LOW										
10 PERCENT EXCEEDS 739 783 1050 50 PERCENT EXCEEDS 386 383 484	MAXIMUM	M PEAK S'	TAGE						Jul 12		8.3	4 Jun 23	1983
50 PERCENT EXCEEDS 386 383 484	ANNUAL	RUNOFF	(AC-FT)		259000			264000			364100		
					739			783			1050		
90 PERCENT EXCEEDS 5.1 3.7 2.2													
	90 PERC	CENT EXC	EEDS		5.1			3.7			2.2		

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV

 $LOCATION.-Lat~39^{\circ}28'25",~long~118^{\circ}35'50",~in~NE~^{1}/_{4}~NE~^{1}/_{4}~sec. 34,~T.19~N.,~R.30~E.,~Churchill~County,~Hydrologic~Unit~16050203,~on~left~bank,~0.2~mi~downstream~from~a~diversion~structure~for~Stillwater~Slough,~and~9.8~mi~east~of~Fallon.$

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1967 to September 1981 (monthly discharge only), October 1990 to September 1992, January 1993 to current year. Prior to October 1992, published as Stillwater Diversion Canal near Fallon.

GAGE.--Water-stage recorder. Elevation of gage is 3,915 ft above NGVD of 1929, from topographic map. Prior to September 1981, gage at same site and datum on right bank.

REMARKS .-- No estimated daily discharges. Records good. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 256 ft³/ s, January 29, 1997; no flow several days many years.

LATREM	LSTORT	LKIOD OI	KLCOKD.	-iviaxiiiiuiii (iany discha	1gc, 250 1	t / S, Janua	ary 25, 1557,	no now	several days ille	any years	•
		DISC	CHARGE, CUE	BIC FEET PE		WATER YI Y MEAN V	EAR OCTOBER ALUES	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	78	5.0	3.1	2.0	1.3	1.1	3.1	12	60	48	48
2	79	58	5.2	3.0	1.8	1.3	0.80	7.0	17	44	55	48
3	70	41	4.9	2.9	1.5	1.1	1.7	6.0	29	17	59	43
4	59	10	5.0	2.9	1.2	1.0	1.9	6.6	28	16	55	46
5	58	8.3	4.6	3.0	1.3	0.97	3.1	9.7	27	14	52	51
6	54	7.9	4.5	3.0	1.3	0.75	3.5	6.8	26	15	53	47
7	53	7.9	4.7	2.8	1.3	0.73	2.5	18	23	16	50	4.8
8	55	7.6	4.5	2.9	1.3	0.12	2.0	44	23	50	52	49 50
9 10	53 51	7.8 6.1	4.4	3.5 3.5	1.3	0.01	2.6 5.9	46 41	22 18	58 53	55 54	50
11	51	6.3	4.4	3.5	1.7	0.00	22	36	40	54	46	46
12	55	8.0	4.6	3.4	1.5	0.00	22	38	44	56	14	46
13	60	9.1	4.6	3.3	1.8	0.00	22	31	41	55	15	48
14	64	7.7	4.7	3.1	1.8	0.20	23	17	40	57	16	5 0
15	70	9.8	5.1	3.1	1.6	0.00	23	2.8	41	57	46	47
16	72	9.9	4.0	3.0	1.9	0.01	23	5.3	42	60	48	47
17	74	11	3.7	3.0	1.5	0.23	26	13	35	60	49	46
18	76	9.3	3.8	3.0	1.1	0.38	2.3	11	11	33	49	41
19	75	7.2	3.4	3.1	1.2	0.26	15	15	28	52	47	43
20	84	6.9	3.7	3.0	1.5	0.22	10	11	28	47	46	44
21	85	6.6	4.0	3.0	1.3	0.39	7.1	8.2	28	56	47	44
22	73	6.7	3.2	3.1	1.2	0.22	7.8	8.3	45	59	45	47
23	97	6.7	3.3	3.0	1.6	0.21	9.7	11	54	61	44	52
24	8.5	6.2	3.2	3.4	1.4	0.26	5.4	11	52	61	42	48
25	8 9	5.3	3.0	3.4	1.3	0.58	5.9	13	51	65	41	49
26	93	5.2	3.2	3.3	1.4	0.53	8.1	14	49	60	45	47
27	100	5.0	3.3	3.0	1.2	0.00	9.6	16	48	59	46	45
28	104	4.9	3.5	2.8	1.2	0.00	16	12	52	61	47	43
29	95	4.9	3.4	2.6		0.17	7.5	10	58	61	47	42
30	104	5.0	3.0	2.2		1.4	2.9	9.8	60	55	47	44
31	87		3.6	2.1		0.99		11		46	45	
TOTAL	2302	374.2	126.0	94.0	40.7	13.02	293.40	492.6	1072	1518	1405	1399
MEAN	74.3	12.5	4.06	3.03	1.45	0.42	9.78	15.9	35.7	49.0	45.3	46.6
MAX	104	78	5.2	3.5	2.0	1.4	26	46	60	65	59	52
MIN	51	4.9	3.0	2.1	1.1	0.00	0.80	2.8	11	14	14	41
AC-FT	4570	742	250	186	81	26	582	977	2130	3010	2790	2770
STATIST	CICS OF M	ONTHLY ME	AN DATA F	OR WATER Y	EARS 1991	- 2003	, BY WATER	YEAR (WY)				
MEAN	22 7	12 /	1 16	10 2	10 2	27 0	12.2	47 1	45.4	29.7	29.1	22 7
MEAN MAX	33.7 94.1	13.4 31.9	4.46 7.69	18.2 197	18.2 193	27.8 139	12.2 31.7	47.1 118	45.4 120	29.7 58.4	45.3	32.7 65.2
(WY)	2002	2001	1991	1997	1997	1996	1996	1995	1995	1995	2003	2002
MIN (WY)	1.91 1995	1.56 1995	0.94 1995	0.76 1993	1.26 1993	0.42	1.19 1993	5.71 1992	5.12 1991	6.94 1991	1.78 1992	0.000 1992
						2003	1993	1992	1991	1991	1992	1992
SUMMARY	STATIST	ICS	FOR :	2002 CALEN	IDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEARS	3 1991 -	2003
ANNUAL				9063.31	•		9129.9					
ANNUAL				24.8			25.0			26.8		
	ANNUAL									68.4		1997
	ANNUAL M											
	DAILY M				Oct 28			Oct 28			Jan 29	
	DAILY ME.				Apr 1			0 Mar 10			Sep 1	
		Y MINIMUM		0.70	Feb 25			3 Mar 9		0.00	Sep 1	1992
	1 PEAK FL							Oct 30				
	1 PEAK ST.							9 Oct 30				
	ANEOUS L							0 Mar 8				
	RUNOFF (17980			18110			19450		
10 PERC	CENT EXCE	EDS		60			59			62		
50 PERC	CENT EXCE	EDS		9.8			11			11		
90 PERC	CENT EXCE	EDS		1.3			1.3			1.5		

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1977 to September 1981, September 1990 to August 1992, January 1993 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE.--September 1990 to August 1992, January 1993 to current year.

WATER TEMPERATURE.--October 1990 to August 1992, January 1993 to current year.

INSTRUMENTATION.--Water-quality monitor September 1990 to August 1992 and January to June 1993, hourly; July 1993 to January 1994, four times per hour; February to September 1994, hourly, October 1994 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In March 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to instrument malfuntion.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE.--Maximum recorded, 9,620 microsiemens/cm at 25°C, April 8, 1995; minimum recorded, 202 microsiemens/cm at 25°C, May 31, 1996.

WATER TEMPERATURE.--Maximum recorded, 31.5°C, August 12, 1992; minimum recorded, freezing point, many days during winter months.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE.--Maximum recorded, 5,830 microsiemens/cm at 25°C, April 5; minimum recorded, 398 microsiemens/cm at 25°C, October 25.

WATER TEMPERATURE.--Maximum recorded, 28.5, June 8; minimum recorded, 0.5°C many days in November and December.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		D	ECEMBER			JANUARY	
1	488	461	477	480	437	459	1910	1840	1870	2680	2440	2580
2	470	452	462	533	470	505	1870	1770	1830	2440	2260	2340
3	513	457	485	1200	465	599	1850	1790	1820	2530	2300	2470
4	540	478	520	1880	1200	1700	1950	1840	1900	2570	2490	2530
5	532	508	523	1520	1320	1410	1940	1850	1880	2580	2470	2530
6	528	504	513	1350	1300	1330	2020	1930	1970	2570	2480	2530
7	532	507	520	1430	1280	1350	2140	1970	2050	2640	2510	2580
8	527	504	516	1370	1300	1330	2050	1940	2000	2700	2530	2620
9	559	504	525	1500	1360	1430	2060	1980	2020	2650	2480	2560
10	545	501	527	1470	1400	1440	2060	2010	2040	2490	2340	2450
11	518	485	505	1400	1210	1270	2050	2010	2020	2600	2460	2530
12	500	445	474	1300	1220	1250	2050	1990	2010	2670	2530	2630
13	475	441	459	1370	1300	1350	2020	1970	1990	2780	2640	2720
14	491	443	467	1330	1190	1240	2030	1950	1980	2770	2600	2670
15	478	458	469	1360	1160	1230	2040	1860	1970	2690	2610	2650
16	467	444	456	1360	993	1200	2100	1860	1980	2620	2580	2600
17	472	442	457	1110	985	1040	2410	2090	2260	2620	2580	2600
18	472	452	463	1070	984	1030	2310	2120	2200	2650	2590	2620
19	472	446	458	1170	1010	1060	2430	2310	2390	2670	2600	2640
20	474	458	467	1300	1140	1200	2650	2430	2580	2690	2640	2660
21	497	450	463	1440	1300	1360	2640	2270	2440	2690	2630	2660
22	518	470	484	1510	1430	1470	2380	2300	2340	2710	2670	2690
23	476	433	447	1520	1460	1480	2490	2340	2410	2730	2690	2710
24	458	432	448	1520	1440	1470	2560	2240	2420	2770	2710	2740
25	489	398	433	1570	1510	1530	2620	2300	2510	2760	2640	2710
26	454	410	430	1650	1570	1620	2640	2430	2590	2870	2760	2830
27	447	413	432	1670	1580	1630	2660	2350	2510	2820	2780	2800
28	447	418	433	1710	1620	1670	2430	2200	2350	2860	2760	2810
29	486	417	445	1780	1710	1750	2550	2380	2450	2770	2680	2720
3 0	473	405	431	1860	1780	1830	2620	2250	2440	2850	2770	2820
31	536	450	487				2440	2220	2270	2870	2780	2830
MONTH	559	398	473	1880	437	1310	2660	1770	2180	2870	2260	2640

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2111		FEBRUARY			MARCH	1121111		APRIL			MAY	
		PEDROAKI			MARCH			AFRID			PIAI	
1	2920	2760	2850		4450	4490		4810	4990	1950		1710
2	3130 3240	2910 3030	3010 3170		4520 4600	4640 4670	4830 5040	4710	4760	1780 1710	1500	1660 1600
4	3030	2890	2960	4740	4550	4570	5810	4750 5020	4870 5430	1810	1490 1710	1770
5	3360	2960	3210	4670	4590	4630	5830	4450	5430	1710	1370	1450
6	3760	3360	3660	4690	4600	4640	4450	3030	3770	1500	1390	1440
7	3960	3750	3870	4740		4710	3270	2910	3130	1560	719	1310
8	4190	3860	4080	4840	4730	4780	3040	2880	2940	719	571	632
9		4100	4190	4920		4870	3210		3100	617	538	578
10	4370	4180	4290	4970	4870	4920	3180	2570	3040	601	486	520
11	4370	4270	4320	5010	4930	4980	2570	590	882	682	520	618
12	4320	4030	4180	5030	4950	5000	832	593	742	586	494	537
13	4110	3780	3930	5010	4920	4980	984	782	871	779	559	671
14 15	3870 3980	3710 3710	3800 3900	5150 5190	4980 5060	5070 5150	936 1120	831 936	877 1050	659 1080	604 647	619 874
13	3,500	3710	3300	3130	3000	3130	1120	230	1030	1000	047	0/4
16	4110	3950	4050	5330	5150	5230		1020	1070	1230	1080	1160
	4220	4090	4160	5340	5260	5310	1670		1220	1570	1150	1270
18 19	4550 4620	4210 4360	4390 4520	5330 5270	5230 5060	5280 5200	1300 2160	1000 1300	1060 1680	1720	1280 1060	1570 1110
20	4370	4080	4220	5130		5050	1660	1330	1520	1120	998	1060
21	4330	4090	4230	5040		5000	1330	1170	1230	1030		1010
22	4250	4120	4210	5060		5020	1640	1330	1470	1040		992
23 24	4320 4460	4180 4310	4250 4400	5090 5100	5030 5020	5060 5060	1600 1680	1440 1520	1500 1600	1140 1130	986 1050	1070 1100
25	4650	4460	4550	5080	4970	5040	2080	1680	1780	1140		1050
26	4860	4640	4770	5180	4990	5090	1990		1640			1190
27 28	4930 4690	4670 4550	4800 4620	5300 5380	5100 5280	5200 5320	1750 1480		1660 1330	1010 860	805 816	887 841
29				5440	5310	5400	1300	1150	1220	823	793	804
3 0				5540	5340	5450	1390	1240	1290	866	795	832
31				5510	5210	5380				875	860	868
MONTH	4930	2760	4020	5540	4450	5010	5830	590	2240	1950	486	1060
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	MAX		MEAN	MAX		MEAN			MEAN	MAX		
	MAX	MIN JUNE	MEAN	MAX	MIN	MEAN		MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	
DAY	868	JUNE 846	858	MAX 584	JULY 552	563		AUGUST		580	SEPTEMBE	R 567
DAY 1 2	868 870	JUNE 846 793	858 843	584 633	JULY 552 543	563 583		AUGUST		580 558	SEPTEMBE 549 516	FR 567 542
DAY 1 2 3	868 870 838	JUNE 846 793 609	858 843 690	584 633 776	JULY 552 543 633	563 583 726		AUGUST	 	580 558 550	SEPTEMBE 549 516 506	F 567 542 519
DAY 1 2 3 4	868 870 838 611	JUNE 846 793 609 578	858 843 690 586	584 633 776 810	JULY 552 543 633 759	563 583 726 788		AUGUST		580 558 550 611	SEPTEMBE 549 516 506 534	567 542 519 577
DAY 1 2 3	868 870 838	JUNE 846 793 609	858 843 690	584 633 776	JULY 552 543 633	563 583 726		AUGUST	 	580 558 550	SEPTEMBE 549 516 506	567 542 519
DAY 1 2 3 4 5	868 870 838 611 592	JUNE 846 793 609 578 568	858 843 690 586 582	584 633 776 810 787	JULY 552 543 633 759 746 772	563 583 726 788 767		AUGUST		580 558 550 611 566	549 516 506 534 485	567 542 519 577 505
DAY 1 2 3 4 5	868 870 838 611 592 595 589	JUNE 846 793 609 578 568	858 843 690 586 582 578 567	584 633 776 810 787 806 826	JULY 552 543 633 759 746 772 765	563 583 726 788 767 790 801		AUGUST	 	580 558 550 611 566 571 587	549 516 506 534 485 503 553	567 542 519 577 505 534 570
DAY 1 2 3 4 5 6 7 8	868 870 838 611 592 595 589 567	JUNE 846 793 609 578 568 556 544 533	858 843 690 586 582 578 567 552	584 633 776 810 787 806 826 837	JULY 552 543 633 759 746 772 765 555	563 583 726 788 767 790 801 641	 548	AUGUST 526	 539	580 558 550 611 566 571 587 592	549 516 506 534 485 503 553 540	567 542 519 577 505 534 570 570
DAY 1 2 3 4 5	868 870 838 611 592 595 589	JUNE 846 793 609 578 568	858 843 690 586 582 578 567	584 633 776 810 787 806 826	JULY 552 543 633 759 746 772 765	563 583 726 788 767 790 801		AUGUST	 	580 558 550 611 566 571 587	549 516 506 534 485 503 553	567 542 519 577 505 534 570
DAY 1 2 3 4 5 6 7 8 9 10	868 870 838 611 592 595 589 567 585 832	JUNE 846 793 609 578 568 556 544 533 480 555	858 843 690 586 582 578 567 552 535 678	584 633 776 810 787 806 826 837 557	JULY 552 543 633 759 746 772 765 555 536	563 583 726 788 767 790 801 641 543	 548 548	AUGUST 526 533 526	 539 539 546	580 558 550 611 566 571 587 592 585 535	549 516 506 534 485 503 553 540 535 509	567 542 519 577 505 534 570 570 553 517
DAY 1 2 3 4 5 6 7 8 9 10 11	868 870 838 611 592 595 589 567 585 832	JUNE 846 793 609 578 568 556 544 533 480 555 517	858 843 690 586 582 578 567 552 535 678	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562	AUGUST 526 533 526	 539 539 546	580 558 550 611 566 571 587 592 585 535	549 516 506 534 485 503 553 540 535 509	567 542 519 577 505 534 570 570 553 517
DAY 1 2 3 4 5 6 7 8 9 10 11 12	868 870 838 611 592 595 589 567 585 832	JUNE 846 793 609 578 568 556 544 533 480 555 517 485	858 843 690 586 582 578 567 552 535 678	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759	AUGUST 526 533 526 536 682	 539 539 546	580 558 550 611 566 571 587 592 585 535	549 516 506 534 485 503 553 540 535 509	S 567 542 519 577 505 534 570 570 553 517
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13	868 870 838 611 592 595 589 567 5832 558 520 487	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474	858 843 690 586 582 578 567 552 535 678 541 498 480	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797	AUGUST 526 533 526 682 6882	 539 539 546 583 732 794	580 558 550 611 566 571 587 592 585 535	549 516 506 534 485 503 553 540 535 509 506 508	S 567 542 519 577 505 534 570 570 570 5517 512 528 538
DAY 1 2 3 4 5 6 7 8 9 10 11 12	868 870 838 611 592 595 589 567 585 832	JUNE 846 793 609 578 568 556 544 533 480 555 517 485	858 843 690 586 582 578 567 552 535 678	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759	AUGUST 526 533 526 536 682	 539 539 546	580 558 550 611 566 571 587 592 585 535	549 516 506 534 485 503 553 540 535 509	S 567 542 519 577 505 534 570 570 553 517
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588	AUGUST 526 533 526 536 682 686 588 516	 539 539 546 583 732 794 733	580 558 550 611 566 571 587 592 585 535 519 546 546 544	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523	567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588	AUGUST 526 533 526 536 682 686 688 516	 539 539 546 583 732 794 733 542	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523	567 542 519 577 505 534 570 570 553 517 512 528 538 538 532
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588	AUGUST 526 533 526 536 682 686 588 516	 539 539 546 583 732 794 733	580 558 550 611 566 571 587 592 585 535 519 546 546 544	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523	567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	868 870 838 611 592 595 589 567 5832 558 520 487 484 504 534 638 1120 892	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 604 622 545	AUGUST 526 533 526 536 682 686 588 516 483 465 518	 539 539 546 583 732 794 733 542 505 513 584 518	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 520 556	549 516 506 504 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497	S 567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532 525 513 496 532
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588	AUGUST 526 533 526 536 682 686 588 516 483 465 518	 539 539 546 583 732 794 733 542 505 513	580 558 550 611 566 571 587 592 585 535 519 546 546 546 544 542	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523	S 567 542 519 577 505 534 570 553 517 512 528 538 532 525 513 496
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548	AUGUST 526 533 526 536 682 686 588 516 483 465 518 498 522	 539 539 546 583 732 794 733 542 505 513 584 518 540	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 520 556 497	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469	567 542 519 577 505 534 570 570 570 5517 512 528 538 538 532 525 513 496 532 486
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	868 870 838 611 592 595 567 585 832 558 520 487 484 504 534 638 1120 669	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548	AUGUST 526 533 526 536 682 686 688 516 483 465 518 498 522	 539 539 546 583 732 794 733 542 505 513 584 518 540	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 556 497	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470	S 567 542 519 577 505 534 570 570 553 517 512 528 538 538 532 525 513 496 495 498
DAY 1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	868 870 838 611 592 595 587 585 832 558 520 487 484 504 534 638 1120 892 669	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508	858 843 690 586 582 578 567 552 535 678 541 498 4474 488 515 558 931 736 604 561 532 523	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548	AUGUST 526 533 526 536 682 686 688 516 483 465 518 498 522 535 506 508	 539 539 546 583 732 794 733 542 505 513 584 518 540	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 520 520 520 556 497	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495	567 542 519 577 505 534 570 570 553 517 512 528 538 538 532 525 513 496 5498 495 498 511
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	868 870 838 611 592 595 567 585 832 558 520 487 484 504 534 638 1120 669	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548	AUGUST 526 533 526 536 682 686 688 516 483 465 518 498 522	 539 539 546 583 732 794 733 542 505 513 584 518 540	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 556 497	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470	S 567 542 519 577 505 534 570 570 553 517 512 528 538 538 532 525 513 496 495 498
DAY 1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 535 508 457	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604 561 532 523 480 448	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548 563 540 545 513	AUGUST 526 533 526 536 682 686 588 516 483 465 518 498 522 535 506 508 495	 539 539 546 583 732 794 733 542 505 513 584 518 540 550 528 528 503 533	580 558 550 611 566 571 587 592 585 535 519 546 544 542 520 520 556 497 502 528 529 528 529	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495 512 510	567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532 525 513 496 532 486
DAY 1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 535 508 457	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439 438	858 843 690 586 582 578 567 552 535 678 541 498 474 488 515 558 931 736 604 561 532 523 480 448	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548 563 540 545 513 589	AUGUST 526 533 526 536 682 688 516 483 465 518 495 506 508 495 483	 539 539 546 583 732 794 733 542 505 513 584 518 540 550 528 528 503 533	580 558 550 611 566 571 592 585 535 519 546 544 542 536 520 520 556 497 502 528 529 538 539 536 536 537 537 537 537 538 537 537 537 538 538 538 538 538 538 538 538	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495 512 510	\$567 \$42 \$519 \$77 \$505 \$34 \$570 \$534 \$570 \$553 \$517 \$512 \$528 \$538 \$532 \$2525 \$13 \$496 \$532 \$486 \$495 \$498 \$511 \$545 \$569 \$524
DAY 1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 535 508 457	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604 561 532 523 480 448	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548 563 540 545 513	AUGUST 526 533 526 536 682 686 588 516 483 465 518 498 522 535 506 508 495	 539 539 546 583 732 794 733 542 505 513 584 518 540 550 528 528 503 533	580 558 550 611 566 571 587 592 585 535 519 546 544 542 520 520 556 497 502 528 529 528 529	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495 512 510	567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532 525 513 496 532 486
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 530 457	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604 561 532 5480 448 480	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 602 545 548 563 549 513 589	AUGUST 526 533 526 536 682 686 588 516 483 465 518 498 522 535 506 508 495 483	 539 539 546 583 732 794 733 542 505 513 540 550 528 528 503 533	580 558 550 611 566 571 587 592 585 535 519 546 546 544 542 536 520 520 520 520 556 497 502 528 520 538 520 538 538 538 538 538 538 538 538 538 538	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 469 483 470 495 5112 510	S 567 542 519 577 505 534 570 570 570 553 517 512 528 538 538 532 525 513 496 532 486 495 498 511 545 569
DAY 1 2 3 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	868 870 838 611 592 595 589 567 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 508 457 499 512 528 579	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439 438 482 499 525 566	858 843 690 586 582 578 567 552 535 678 541 498 480 474 488 515 558 931 736 604 561 532 5480 448 448 461 496 514 584	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548 563 545 513 589 581 558 589 541 566	AUGUST 526 533 526 536 682 686 588 516 483 465 518 498 522 535 506 508 495 483 523 534 516 529 537	 539 539 546 583 732 794 733 542 505 513 584 518 540 550 528 528 503 533 546 528 536 553	580 558 550 611 566 571 587 592 585 535 519 546 544 542 536 520 556 497 502 528 520 558 520 558 520 538 539 549 549 549 549 549 549 549 54	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495 512 510 507 500 486 521	\$ 567 542 519 577 505 534 570 570 570 571 512 528 538 538 532 525 513 496 532 486 495 498 511 545 569
DAY 1 2 3 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	868 870 838 611 592 595 587 585 832 558 520 487 484 504 534 638 1120 892 669 579 561 535 508 457 499 512 528 574	JUNE 846 793 609 578 568 556 544 533 480 555 517 485 474 463 467 496 527 638 669 571 546 512 508 441 439 438 482 499 525	858 843 690 586 582 578 567 552 535 678 541 498 488 474 488 515 558 931 736 604 561 532 523 480 448 461 496 514 554	584 633 776 810 787 806 826 837 557 541	JULY 552 543 633 759 746 772 765 555 536 530	563 583 726 788 767 790 801 641 543 536	 548 548 562 759 797 871 800 588 534 604 622 545 548 563 540 545 513 589 581 558 581	AUGUST 526 533 526 536 682 686 688 516 483 465 518 498 522 535 506 508 495 483	 539 539 546 583 732 794 733 542 505 513 584 518 540 550 528 528 503 533 546 553 553	580 558 550 611 566 571 587 592 585 535 519 546 544 542 536 520 520 556 497 502 528 529 588 599 548 549 549 549 549 549 549 549 549	549 516 506 534 485 503 553 540 535 509 506 508 530 534 523 516 507 466 497 469 483 470 495 512 510 507 506 6508	S 567 542 519 577 505 534 570 570 553 517 512 528 538 532 525 513 496 532 486 495 498 511 545 569 524 531 505

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

		1 1111 11		WAIER (DEG	. c/, wr	IIIK IIIK	OCTOBBR 2	002 10 2				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		D	ECEMBER			JANUARY	,
1 2		13.5 11.0	14.5	6.0 5.0	3.5	4.5	3.0 4.0	0.5	1.5	5.0 4.5	1.0	2.5
3				5.0	2.0	3.5	4.5	1.0	2.0	6.0	1.5	3.5
4	15.5	13.0	12.0 14.0	5.0 4.5 5.0	0.5	2.5	4.5 4.5 4.0	1.0	2.5	6.0 6.0 7.0	2.5	4.0
5	16.5	13.0	14.5	5.0	0.5					7.0	3.0	4.5
6	17.5	14.0	15.5	6.0	1.5	4.0	4.5 5.0 4.5 2.5	1.5	2.5	6.0	2.0	3.5
7	18.5	15.0	16.5	8.0	4.5	6.5	5.0	1.0	2.5	5.5	1.5	3.0
8 9		14.5 14.5	16.5 16.0	9.0	7.0	8.0	4.5	1.0	2.0	5.0	1.0	3.0
	16.0		15.0	8.0 9.0 9.5 8.5	1.5 4.5 7.0 6.5 6.5	7.5	2.5	0.5	1.0	4.5	2.0 1.5 1.0 2.0 2.0	3.5
11 12	14.5 14.5		13.0 12.5	9.0 8.5 9.5	5.5 5.5 6.5 6.0 5.0	7.0	3.0 4.0	0.5	1.5	6.5 7.5 8.0 7.5 7.5	3.0 4.0	4.5 5.5
13			12.5	9.5	6.5	8.0	4.0	1.5	2.5	8.0	4.0	6.0
14			13.0	9.5 7.5	6.0	7.5	6.5	3.0	4.5	7.5	4.0	5.5
15	15.5	12.0	13.5	7.5	5.0	6.0	6.5	4.0	5.0	7.5	3.5	5.0
16	15.0	11.5	13.0	6.5	4.0	5.5	5.5	4.0	4.5	7.0	2.5	4.5
17	15.0	11.5	13.0	6.5	4.0	5.0	5.0	3.0	4.0	6.5	2.5 2.5	4.5
18 19		11.5 12.0		5.5	3.5	4.5	5.0	1.5	3.0 1.5	7.0	2.5	4.5 4.5
	15.0	11.5	13.0	6.5 5.5 6.5 7.0	4.0 3.5 3.5 4.0	5.0	5.0 5.0 2.0 3.0	0.5	1.5	7.0 7.0	2.5	4.5
	14.5 14.0		13.0 12.5	7.0 7.5	4.0	6.0	2.0	0.5	1.5	7.5 7.5		5.0 5.5
23	14.0	11.5	12.5	7.5 9.5 8.5	6.0	7.5	3.5	0.5 0.5 0.5	1.5	8.5	5.0	6.5
24			12.5	8.5	4.0 4.5 6.0 5.5 3.0	7.0	2.0	0.5	1.0	9.0		7.5
25	13.0	11.0	12.0	7.0			2.5	0.5	1.0	11.0	7.0	8.5
	12.5	10.5	11.5	5.5	1.5	3.0	2.0	0.5	1.0	10.0	7.0	8.0
		10.0	11.5	4.5	1.0	2.0	3.0	0.5	1.5	8.5	8.0	8.0
	12.0 11.0	10.5 8.5	10.0	4.5	1.0	2.0 2.0 1.0	4.5	0.5	2.0	10.5 10.5 10.5 10.5	6.0	8.5 8.0
30	0 -		8.5	2.5	0.5	1.0	3.5	1.5	2.5	10.5	6.0	8.5
31	8.0	6.0	7.0				4.0	1.5	2.5	10.5	6.5	8.5
MONTH	18.5	6.0	12.9	9.5	0.5	5.1	6.5	0.5	2.1	11.0	1.0	5.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY			MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
DAY 1 2		FEBRUARY 6.5 4.5	8.0 6.5		MARCH		12.5 12.0	APRIL 8.0 6.5	11.0 9.0	19.5	MAY 11.0	MEAN 15.0 14.5
1 2 3	10.5 8.5 8.0	FEBRUARY 6.5 4.5	8.0 6.5		MARCH		12.5 12.0	APRIL 8.0 6.5	11.0 9.0	19.5 16.0 18.0	MAY 11.0 13.5 12.5	15.0 14.5 15.0
1 2 3 4	10.5 8.5 8.0 5.5	FEBRUARY 6.5 4.5	8.0 6.5		MARCH		12.5 12.0	APRIL 8.0 6.5	11.0 9.0	19.5 16.0 18.0 18.0	MAY 11.0 13.5 12.5 13.5	15.0 14.5 15.0 15.5
1 2 3	10.5 8.5 8.0	FEBRUARY 6.5 4.5 3.0 2.5 2.0	8.0 6.5 5.5 4.0	10.5 11.0 11.0 11.0	MARCH 4.5 3.5 5.5 4.5	7.5 7.5 8.0 8.0 8.5	12.5 12.0 13.5 11.0 13.5	8.0 6.5 5.5 7.5 5.5	11.0 9.0 9.5 9.0	19.5 16.0 18.0 18.0	MAY 11.0 13.5 12.5 13.5	15.0 14.5 15.0 15.5
1 2 3 4 5	10.5 8.5 8.0 5.5 6.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0	8.0 6.5 5.5 4.0	10.5 11.0 11.0 11.0	MARCH 4.5 3.5 5.5 4.5	7.5 7.5 8.0 8.0 8.5	12.5 12.0 13.5 11.0 13.5	8.0 6.5 5.5 7.5 5.5	11.0 9.0 9.5 9.0	19.5 16.0 18.0 18.0	MAY 11.0 13.5 12.5 13.5	15.0 14.5 15.0 15.5 15.5
1 2 3 4 5	10.5 8.5 8.0 5.5 6.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0	8.0 6.5 5.5 4.0 4.0	10.5 11.0 11.0 11.0 12.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5	7.5 7.5 8.0 8.0 8.5	12.5 12.0 13.5 11.0 13.5	8.0 6.5 5.5 7.5 5.5	11.0 9.0 9.5 9.0	19.5 16.0 18.0 18.0	MAY 11.0 13.5 12.5 13.5	15.0 14.5 15.0 15.5 15.5
1 2 3 4 5	10.5 8.5 8.0 5.5 6.5 6.5 6.0 6.0 6.0	FEBRUARY 6.5 4.5 3.0 2.5 2.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 3.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5	APRIL 8.0 6.5 5.5 7.5 6.5 6.5 8.0 10.5	11.0 9.0 9.5 9.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0	15.0 14.5 15.0 15.5 15.5
1 2 3 4 5	10.5 8.5 8.0 5.5 6.5 6.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0	8.0 6.5 5.5 4.0 4.0	10.5 11.0 11.0 11.0 12.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5	7.5 7.5 8.0 8.0 8.5	12.5 12.0	APRIL 8.0 6.5 5.5 7.5 6.5 6.5 8.0 10.5	11.0 9.0 9.5 9.0	19.5 16.0 18.0 18.0 19.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0	15.0 14.5 15.0 15.5 15.5
1 2 3 4 5 6 7 8 9	10.5 8.5 8.0 5.5 6.5 6.5 6.0 6.0 6.5 7.0	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 1.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 3.5 4.0 4.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0	8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 15.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0
1 2 3 4 5 6 7 8 9 10	10.5 8.5 8.0 5.5 6.5 6.5 6.0 6.5 7.0	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 1.5 2.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 3.5 4.0 4.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 8.5 8.0 8.5 9.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0	8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 15.0 16.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5	15.0 14.5 15.0 15.5 15.5 16.0 15.0 11.0 11.0
1 2 3 4 5 6 7 8 9 10	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.0 6.5 7.0	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 3.5 4.0 4.5 4.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.5 10.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0	11.0 9.0 9.5 9.0 9.0 11.0 13.0 15.0 16.5 16.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 18.0 20.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 11.5 9.0 8.5 10.5 13.5 13.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0
1 2 3 4 5 6 7 8 9 10	10.5 8.5 8.0 5.5 6.5 6.0 6.0 6.5 7.0	FEBRUARY 6.5 4.5 3.0 2.5 2.0 1.5 1.5 1.5 2.0 2.5 2.5 4.0 5.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.5 10.5 8.5	7.5 7.5 8.0 8.5 9.5 10.0 10.5 10.0 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0	8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 15.0 16.5 16.5 13.5 12.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.0 6.5 7.0 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.0 2.5 2.0 3.5 3.5 5.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.5 10.5 8.5 9.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0	APRIL 8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0 14.5 12.0 11.0 10.0	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.5 16.5 13.5 12.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 15.0 18.0 20.0 22.5 21.5	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 5.5 5.0 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0	7.5 7.5 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 11.5	11.0 9.0 9.5 9.0 9.0 11.0 13.0 16.0 16.5 16.5 12.5 13.0 12.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0.0 20.0 22.5 21.5 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.0 6.5 7.0 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.0 2.5 2.0 3.5 3.5 5.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.5 10.5 8.5 9.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0	APRIL 8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0 14.5 12.0 11.0 10.0	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.5 16.5 13.5 12.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 15.0 18.0 20.0 22.5 21.5	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.0 6.5 7.0 9.5 10.5 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 6.5 8.0 7.5 7.5 6.5 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 5.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.0 11.0 11.0 10.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 16.5 16.5 13.5 12.5 13.0 12.0 12.0 12.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 20.0 22.5 21.5 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5	15.0 14.5 15.0 16.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.5 8.5 8.0 5.5 6.5 6.0 6.5 7.0 6.5 5.0 9.5 10.0 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0	MARCH 4.5 3.5 5.5 5.5 4.5 6.0 6.5 8.5 8.0 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5	APRIL 8.0 6.5 5.5 7.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.0	11.0 9.0 9.5 9.0 9.5 11.0 13.0 15.0 16.5 13.5 12.5 13.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0 20.0 22.5 21.5 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5	15.0 14.5 15.0 15.5 15.5 16.0 15.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.0 6.5 7.0 9.5 10.5 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 6.5 8.0 7.5 7.5 6.5 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 5.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.0 11.0 11.0 10.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 16.5 16.5 13.5 12.5 13.0 12.0 12.0 12.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 20.0 22.5 21.5 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5	15.0 14.5 15.0 16.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 10.0 8.5 8.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5 3.0 3.0 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5 7.5 6.5 6.5 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 13.6	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 8.0 10.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.5 9.5 9.0 10.5	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.0 16.5 16.5 12.5 12.0 12.0 12.0 13.0 12.0 13.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0 18.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 20.5 22.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 14.0 14.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	10.5 8.5 8.0 5.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 10.0 9.0 8.5 6.5 8.5	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5 3.0 3.0 4.0 3.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 6.5 4.5 6.5 5.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 13.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.0 6.0 7.5 5.0 5.5 9.0 8.0 10.0 10.5	7.5 7.5 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 14.0 15.5 14.0 15.0 15.0 15.0 15.0	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.5 10.5 9.5 9.0 10.5	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.5 16.5 12.5 13.0 12.0 12.0 12.0 13.0 14.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 14.0 14.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 10.0 8.5 8.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5 3.0 3.0 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5 7.5 6.5 6.5 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 13.6	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 8.0 10.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.5 9.5 9.0 10.5	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.0 16.5 16.5 12.5 12.0 12.0 12.0 13.0 12.0 13.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0 18.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 20.5 22.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 14.0 14.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 8.5	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5 7.5 6.5 6.5 4.5 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 16.0 14.5	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 10.5 8.5 9.0 6.0 7.5 5.0 9.0 8.0 10.0 10.5 9.5 10.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 11.0 11.5 11.0 10.0 9.0 9.0 10.0 11.5 11.5	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5 14.0 15.0 15.0 15.0 15.0 17.5 18.0	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.5 10.5 9.5 9.0 10.5 12.0 11.0 12.5 11.0	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.5 16.5 12.5 13.0 12.0 12.0 12.0 13.0 14.0 14.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 18.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 14.0 14.5 17.0 19.0 20.5 21.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 19.5 20.0 18.5 19.0 17.5 17.5 17.0 20.5 22.0 23.0 23.5 23.0
1 2 3 4 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	10.5 8.5 8.0 5.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 8.5 8.5 8.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 1.5 1.5 1.5 2.0 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0 4.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 6.5 5.5 5.5 6.5 7.0 7.0 7.0 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 16.0 14.5 19.5 20.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 6.5 8.5 8.0 8.5 9.0 6.0 7.5 5.0 5.5 9.0 8.0 10.0 10.5 9.5 10.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0 10.0 9.0 10.0 11.5 12.0 13.0 14.0 13.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.5 14.0 15.5 14.0 15.0 15.0 15.0 15.0 15.0 15.0	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 14.5 12.0 11.0 10.5 9.5 9.0 10.5 12.0 11.0 11.5 12.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0	11.0 9.0 9.5 9.0 9.5 11.0 13.0 15.0 16.5 16.5 12.5 13.0 12.0 12.0 12.0 12.0 12.0 12.0 14.0 14.5 14.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 15.0 18.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 26.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 17.0 14.5 17.0 19.5	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 17.5 20.0 17.5 17.0 18.0 20.5 22.0 23.0 23.5 23.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 9.5 10.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0 4.5 5.5 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5 7.5 6.5 6.5 6.5 7.0 7.0 7.0 7.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 16.0 14.5 19.0 17.5 13.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 6.0 7.5 5.1 6.0 7.5 5.1 6.0 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 11.0 12.0 11.5 11.0 10.0 9.0 9.0 10.0 11.5 12.0 12.5 12.0 13.0 14.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5 14.0 15.0 15.0 15.0 17.5 14.0 17.5 17.0 18.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 11.0 11.5 10.5 9.5 9.0 10.5 12.0 11.0 11.0 11.0 11.0 12.5 13.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 16.5 16.5 13.5 12.5 13.0 12.0 12.0 12.0 13.0 14.0 14.0 14.5 14.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 26.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 17.0 14.5 17.0 14.5 17.0 19.5 20.5 21.5 21.0	15.0 14.5 15.0 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0 18.5 19.0 17.5 17.0 18.0 23.0 23.5 23.0 24.5
1 2 3 4 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	10.5 8.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 5.0 9.5 10.5 9.5 8.5 8.5 8.5 8.5	6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0 4.5 5.5 6.0 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 6.5 5.5 6.5 5.5 7.0 7.0 7.0 7.5 7.5 7.5 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 16.0 14.5 19.5 16.5 19.5	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.0 8.5 9.0 6.0 7.5 5.0 9.0 8.5 9.0 10.0 10.5 9.5 10.0 11.0 8.5 6.0	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 11.5 11.0 10.0 9.0 9.0 10.0 11.5 12.0 13.0 14.0 13.0 11.5	12.5 12.0 13.5 11.0 13.5 11.0 16.0 19.0 20.5 21.0 19.5 14.0 15.5 14.0 15.0 15.0 15.0 17.5 17.0 18.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 11.0 11.5 10.5 9.5 9.0 10.5 12.0 11.0 11.0 12.5 11.0 12.5 13.0 12.0	11.0 9.0 9.5 9.0 9.0 13.0 15.0 16.5 16.5 12.5 13.0 12.0 12.0 12.0 12.0 13.0 14.0 14.5 14.0 14.5	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 26.0 25.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 17.0 14.5 17.0 19.0 20.5 21.5 21.0	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 19.5 20.0 17.5 19.0 17.5 17.0 20.5 22.0 23.5 23.0 24.5 25.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 6.5 9.5 10.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 2.0 2.5 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0 4.5 5.5 4.0	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 4.5 6.5 8.0 7.5 7.5 6.5 6.5 6.5 7.0 7.0 7.0 7.0 7.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 17.0 16.0 14.5 19.0 17.5 13.0 14.0	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 8.5 8.5 9.5 10.5 8.5 9.0 6.0 7.5 5.0 6.0 7.5 5.1 6.0 7.5 5.1 6.0 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.5 7.5 7.6 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 11.0 12.0 11.5 11.0 10.0 9.0 9.0 10.0 11.5 12.0 12.5 12.0 13.0 14.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 14.0 15.5 14.0 15.0 15.0 15.0 17.5 14.0 17.5 17.0 18.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 11.0 11.5 10.5 9.5 9.0 10.5 12.0 11.0 11.0 11.0 11.0 12.5 13.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 16.5 16.5 13.5 12.5 13.0 12.0 12.0 12.0 13.0 14.0 14.0 14.5 14.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 11.5 0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 26.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 17.0 14.5 17.0 14.5 17.0 19.5 20.5 21.5 21.0	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 14.0 16.5 19.0 19.5 20.0 18.5 19.0 17.5 17.0 18.0 23.0 23.5 23.0 24.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	10.5 8.5 8.5 6.5 6.5 6.0 6.0 6.5 7.0 9.5 10.5 9.5 10.0 9.5 8.5 8.5 9.5 9.5 9.5 9.5 9.5	FEBRUARY 6.5 4.5 3.0 2.5 2.0 2.0 1.5 1.5 1.5 2.0 2.5 4.0 5.5 5.0 6.0 4.5 3.5 3.0 3.0 4.0 3.5 5.0 4.0 4.5 5.5 4.0 4.5	8.0 6.5 5.5 4.0 4.0 3.5 3.5 4.0 4.5 6.5 8.0 7.5 7.5 6.5 5.5 6.5 7.0 7.0 7.0 6.5	10.5 11.0 11.0 11.0 12.0 13.0 14.0 15.0 13.0 14.5 16.5 19.0 17.5 15.0 14.0 14.0 10.5 13.0 14.5 14.0 17.0 16.0 14.5 19.5 19.5 19.5	MARCH 4.5 3.5 5.5 4.5 6.0 6.5 6.5 8.0 8.5 9.5 10.5 8.5 9.0 6.0 7.5 9.0 10.0 10.5 9.5 10.0 11.0 8.5 6.5 8.5	7.5 7.5 8.0 8.0 8.5 9.5 10.0 10.5 10.0 11.0 12.0 14.0 13.0 10.0 10.0 11.5 12.0 10.0 12.5 12.0 13.0 14.0 13.0 14.0 13.0 14.0	12.5 12.0 13.5 11.0 13.5 12.0 16.0 19.0 20.5 21.0 19.5 18.0 15.0 15.5 14.0 15.0 15.0 15.0 17.5 14.0 17.5 17.0 18.5	APRIL 8.0 6.5 5.5 7.5 6.5 8.0 10.5 12.0 14.0 11.0 10.0 11.5 10.5 9.5 9.0 10.5 12.0 11.0 11.0 12.5 11.0 11.0 12.5 11.0 11.0 12.5 13.0 11.0	11.0 9.0 9.5 9.0 9.0 9.5 11.0 13.0 16.5 16.5 13.5 12.5 13.0 12.0 12.0 12.0 12.0 13.0 14.0 14.5 14.0 14.5 15.0 16.0	19.5 16.0 18.0 19.0 18.5 16.5 14.5 15.0 18.0 20.0 22.5 21.5 25.0 23.0 22.0 20.5 22.0 24.0 25.5 26.0 25.0 24.0 25.5 26.0 26.0 25.0	MAY 11.0 13.5 12.5 13.5 12.5 14.0 14.0 11.5 9.0 8.5 10.5 13.5 16.0 17.5 16.0 14.5 17.0 14.5 14.0 14.5 17.0 14.5 14.0 19.0 20.5 21.5 21.0	15.0 14.5 15.0 15.5 15.5 16.0 13.5 10.0 11.0 11.0 14.0 16.5 19.0 19.5 20.0 18.5 19.0 17.5 17.0 18.0 23.0 23.5 23.0 24.5 25.0

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY		A	UGUST			SEPTEMBE	R
1	27.5	21.5	24.5									
2	27.5	22.5	25.0									
3	27.5	21.5	24.0									
4	27.0	21.5	24.0									
5	26.5	20.5	23.0									
6	26.5	20.5	23.0									
7	28.0	20.5	24.0									
8	28.5	23.5	26.0									
9	28.0	23.0	25.5									
10	28.0	22.0	25.0									
11	27.0	23.0	25.0									
12	27.0	23.0	25.0									
13	26.5	22.0	24.5							20.5	16.5	18.5
14										21.0	16.0	18.5
15										21.5	18.0	19.5
16										20.5	17.0	18.5
17										17.5	14.0	16.0
18										18.0	13.5	15.5
19										19.0	14.5	16.5
20										20.5	15.0	17.5
21										21.0	16.0	18.5
22										21.0	17.0	18.5
23										21.5	17.0	19.0
24										22.0	17.5	19.5
25										22.0	17.5	19.5
26										21.5	17.5	19.5
27										22.0	17.5	19.5
28										22.5	18.0	20.0
29										22.0	18.5	20.5
3 0										22.0	18.0	20.0
31												
MONTH												

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV

LOCATION.--Lat 39°32′01", long 118°31′06", in NE $^1/_4$ NE $^1/_4$ sec.8, T.19 N., R.31 E., Churchill County, Hydrologic Unit 16050203, on left bank, off Hunter Road, 250 ft above confluence with West Canal, 1.5 mi north of U.S.F.W.S. Stillwater Headquarters, and 2 mi northeast of Stillwater.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1991 to September 1992, March 1993 to current year (irrigation season only).

GAGE.--Water-stage recorder. Elevation of gage is 3,880 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. Annual mean listed below in summary statistics, represents average discharge for water year 1992. See schematic diagram of Carson River Basin.

 $EXTREMES FOR \ PERIOD \ OF \ RECORD. -- Maximum \ discharge, 51 \ ft^{3} \hspace{0.5cm} s, September \ 27, 2002, gage \ height, 4.89 \ ft; no \ flow \ at \ times, most \ years.$

	DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	13					0.00	0.19	0.00	23	0.00	14	18	
2	3 0					0.00	0.07	0.00	25	0.00	18	15	
3	27					0.00	0.01	0.00	23	1.1	22	17	
4	24					0.00	0.01	0.00	19	17	20	11	
5	23					0.00	0.03	0.01	21	17	11	8.1	
6 7	35					0.00	0.07	0.00	30	26	8.0	13	
8	26 17					0.00	0.03	10	7.0 0.00	21 17	15 9.8	7.9	
9	27					0.00	0.02	22 19	0.00	9.2	14	13 18	
10	25					0.00	0.03	19	0.00	13	13	9.7	
11	21					0.00	0.02	19	0.00	14	6.6	8.5	
12	25					0.00	0.04	23	0.00	2.3	7.8	18	
13	33					0.00	0.00	22	22	2.0	0.85	13	
14	29					0.00	0.01	5.9	27	1.8	6.4	15	
15	34					0.00	0.01	0.10	21	10	15	10	
16	34					0.00	0.02	0.06	21	18	12	10	
17	31					0.00	0.16	0.05	18	21	14	14	
18	17					0.00	0.24	0.09	31	27	11	27	
19	31					0.00	0.07	0.00	7.3	28	12	27	
20	26					0.00	0.00	0.00	2.4	12	11	24	
21	24					0.00	0.00	0.00	11	13	17	18	
22	22					0.00	0.00	0.12	8.2	19	11	9.9	
23	21					0.00	0.00	0.06	5.2	14	12	14	
24	20					0.00	0.13	0.05	15	12	18	16	
25	18					0.00	0.23	0.27	6.5	9.0	13	17	
26	37					0.00	0.09	0.07	30	9.4	12	18	
27	33					0.00	0.00	0.24	18	15	8.2	16	
28	21					0.04	0.00	1.8	0.07	18	11	16	
29	19					0.01	0.00	0.00	0.00	20	12	21	
30	8.4					0.21	0.00	0.00	0.00	21	8.8	21	
31	14					0.23		13		21	13		
TOTAL	765.4					0.49	1.48	155.82	391.67	428.80	377.45	464.1	
MEAN	24.7					0.016	0.049	5.03	13.1	13.8	12.2	15.5	
MAX	37					0.23	0.24	23	31	28	22	27	
MIN	8.4					0.00	0.00	0.00	0.00	0.00	0.85	7.9	
AC-FT	1520					1.0	2.9	309	777	851	749	921	
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 199	1 - 2003,	BY WATER	R YEAR (W	Y)				
MEAN	21.0	0.000	0.000	0.000	0.000	3.70	4.24	9.32	9.15	11.0	13.3	18.9	
MAX	29.0	0.000	0.000	0.000	0.000	25.1	11.1	21.5	20.4	17.1	21.1	29.8	
(WY)	1999	1992	1992	1992	1992	1996	1998	1995	1995	2000	1998	1996	
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.049	0.91	0.45	0.12	0.23	0.000	
(WY)	1995	1992	1992	1992	1992	1992	2003	2000	2002	2002	1992	1992	
SUMMAR	Y STATIST	ICS		WATER YE	ARS 1991	- 2003							
ANNUAL				2.									
	r Annual			2.		1992							
	ANNUAL M					1992							
	T DAILY M			41	Sep 2	7 2002							
	DAILY ME			0.	00 May 2	4 1991							
		Y MINIMUM			00 May 2 Sep 2								
	M PEAK FL M PEAK ST				Sep 2 89 Sep 2								
	RUNOFF (2040		, 2002							
	CENT EXCE			15									
	CENT EXCE			0.	0 0								
	CENT EXCE			0.									

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1991 to current year.

PERIOD OF DAILY RECORD.-

SPECIFIC CONDUCTANCE.--June 1991 to current year.

WATER TEMPERATURE .-- June 1991 to current year.

INSTRUMENTATION.--Water-quality monitor June 1991 to September 1992, hourly; March 1993 to current year (irrigation season only), hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to intermittent streamflow (see Water-Discharge Record) and instrument malfunction. Reported values are for days with continuous flow.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE.--Maximum recorded, 914 microsiemens/cm at 25°C, April 2, 1994; minimum recorded, 171 microsiemens/cm at 25°C, May 13, 2000.

WATER TEMPERATURE.--Maximum recorded, 32.5°C, July 2, 2001; minimum recorded, 3.0°C, March 1, 1996.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE.--Maximum recorded during period of operation, 783 microsiemens/cm at 25°C, March 27, when flow started; minimum recorded, 298 microsiemens/cm at 25°C, September 17.
WATER TEMPERATURE.--Maximum recorded during period of operation, 31.5°C, July 22; minimum recorded, 6.0°C, October 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NC	VEMBER		DE	CEMBER			JANUARY	7
1	409	341	378									
2	391	367	382									
3	388	355	372									
4	386	354	366									
5	418	380	402									
6	413	366	394									
7	394	366	378									
8	399	363	384									
9	394	372	387									
10	406	382	391									
11	421	395	409									
12	412	381	391									
13	390	365	374									
14	388	364	379									
15	388	367	381									
16	400	372	387									
17	393	368	383									
18	384	372	378									
19	381	359	369									
20	379	361	369									
21	380	371	375									
22	376	363	368									
23	382	362	373									
24	381	367	374									
25	381	370	375									
26	380	372	375									
27	385	370	377									
28	386	381	384									
29	387	375	383									
3 0	376	361	366									
31	445	362	393									
MONTH	445	341	381									

CARSON RIVER BASIN 1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 MEAN MIN MEAN MIN MEAN DAY MAX MIN MAX MAX MIN MEAN MAX OCTOBER NOVEMBER DECEMBER JANUARY 1 16.0 13.5 15.0 ------- - ----- - -2 13.0 ---_ _ _ ---- - -_ _ _ - - ----_ _ _ ---14.5 12.0 3 13.5 10.5 12.0 13.0 ---- - -- - -- - -- - ----14.5 12.0 5 16.0 12.5 14.0 6 17.0 13.5 15.0 - - -- - -- - -------- - -------18.0 16.0 ------- - -- - -- - -14.5 18.5 14.5 16.0 ---------- - -- - -------9 17.5 14.5 16.0 ---------------------------1.0 16.0 15 0 15.5 ---------------------------11 15.5 13.0 14.0 12.5 ------- - -- - -- - -- - ----- - -12 14.0 11.5 ---13 14.0 11.0 12.5 _ _ _ ---_ _ _ - - -- - -- - -------- - -14 14.0 11.0 12.5 _ _ _ ---_ _ _ _ _ _ ---- - -------- - -------- - -- - -_ _ _ _ _ _ _ _ _ 15 15.0 11.5 13.0 14.5 11.5 13.0 17 14.5 11.5 13.0 _ _ _ ---_ _ _ _ _ _ ---------18 15.0 11.0 13.0 ---------------------------------_ _ _ ------------_ _ _ ---19 14.5 11.5 13.0 20 14.5 11.5 12.5 21 14.0 11.5 12.5 _ _ _ ------_ _ _ _ _ _ _ _ _ _ _ _ 22 14.0 11.0 12.5 ---------------------------_ _ _ _ _ _ _ _ _ - - ----- - -23 13.5 11.0 12.0 13.5 12.0 24 11.0 14.0 11.0 12.0 2.6 12.5 10.5 11.5 ------------_ _ _ _ _ _ _ _ _ - - ----27 12.5 10.5 11.5 12.5 ---------- - ----- - -------- - -28 10.0 11.0 ---- - -- - -- - -9.0 10.0 30 10.0 7.5 ---_ _ _ _ _ _ _ _ _ _ _ _ 8.5 31 9.0 6.0 7.5 ---------------------------MONTH 6.0 12.8 18.5 _ _ _ ---- - -------------DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN FEBRUARY MARCH APRIL MAY 12.0 13.5 2 ------_ _ _ _ _ _ ------13.0 9.5 11.0 ------_ _ _ 3 - - ----------------13.0 8.0 10.5 ------_ _ _ ------- - ----_ _ _ _ _ _ 4 11.0 8.0 9.5 5 13.0 6.5 9.5 19.5 12.0 15.5 6 12.5 8.5 10.0 7 ---------------13.5 7.5 10.5 16.5 13.0 15 0 ---8 ------_ _ _ _ _ _ ---16.0 8.5 12.0 15.0 12.5 13.5 ------------------10.5 11.0 12.5 19.0 12.5 15.5 10 14.5 10.0 12.0 11 ------------------20 0 13 0 16 0 17.5 11.5 14 0 ------------12 ------18 0 14 0 16 0 20.0 13 5 16 5 ---- - -------------21.0 18.0 13 16.0 12.0 13.5 11.0 22.0 17.0 19.5 14 _ _ _ 16.0 12.5 15 9.5 22.5 16.5 19.0 ------13.0 11.0 12.0 25.5 16.0 19.0 16 ------------------20.5 17 14.5 8.5 11.5 15.0 17.5 - - -------------14.5 11.5 12.5 20.0 17.5 18 16.0 - - ----_ _ _ 10.0 13.0 20 ---------------21 - - -- - ----------------- - ----- - -- - -------- - ----- - ----23.5 19.0 21.5 22 23 - - -- - -_ _ _ ---_ _ _ ---------25.0 19.5 22.5 24 ---------------17.0 13.5 15.0 25.0 20.5 22.5 25 ------------------18.0 11.0 13.5 25.0 20.0 22.5 11.5 18.0 14.5 25.0 20.5 - - ----------27 - - -25.5 20.5 23.0 - - -_ _ _ 13.0 9.0 10.5 ---- - ----27.5 22.0 28 24.5 _ _ _ _ _ _ _ _ _ _ _ _ 29 14.5 8.5 11.0 ---- - ----15.5 11.0 - - -- - -30 13.0 12.5 27.5 19.5 23.5 31 13.5 11.5 моитн DAY MAX MTN MEAN MAX MTN MEAN MAX MTN MEAN MAX MTN MEAN

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

			IEMPERATURE	, WAILK	(DEG. C),	WAIEK	TEAR OCTOBER	2002 10	MADMAIAGE	2003		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY		I	AUGUST			SEPTEMBE	R
1	27.0	22.0	24.5				28.5	24.5	26.5	24.0	20.0	22.0
2	27.5	22.5	25.0				26.5	24.0	25.0	24.5	20.5	22.5
3	26.5	22.5	24.5	28.0	20.5	24.0	27.5	23.0	25.0	25.0	22.0	23.0
4	26.5	22.0	24.0	26.5	22.0	24.5	28.0	23.5	25.5	25.5	22.0	23.5
5	25.0	21.0	23.0	27.5	22.5	25.0	28.0	24.0	26.0	26.5	21.5	23.5
6	25.0	21.0	23.0	27.5	23.0	25.5	28.0	22.5	25.0	25.5	22.0	23.5
7	26.0	21.5	24.0	27.0	23.0	25.0	27.5	22.5	25.0	24.5	21.5	23.0
8				27.5	22.0	24.5	28.0	22.5	25.0	23.5	20.5	22.0
9				28.0	21.5	25.0	28.0	22.5	25.0	21.5	19.0	20.0
10				28.0	23.0	25.5	29.0	23.0	26.0	21.5	18.0	19.5
11				30.0	24.5	27.0	28.5	22.5	25.5	21.5	17.5	19.0
12				28.5	23.0	26.0	27.0	23.0	25.0	23.0	18.5	20.0
13	26.5	19.5	24.0	29.5	24.0	26.5	27.0	22.0	24.5	21.5	17.5	19.0
14	26.0	22.5	24.0	28.0	23.0	26.0	26.5	22.0	24.0	21.5	16.5	18.5
15	26.0	22.5	24.5	28.5	24.0	26.0	27.0	22.5	24.5	22.0	18.0	19.5
16	26.5	23.0	25.0	29.0	24.0	26.5	28.0	23.5	25.5	20.5	17.5	19.5
17	27.0	23.0	25.0	29.5	24.5	27.0	28.0	22.5	25.0	19.0	15.5	17.0
18	26.5	24.0	25.5	30.0	25.0	27.0	27.5	22.0	25.0	17.0	14.5	15.5
19	28.5	23.0	25.0	28.5	26.0	27.0	27.5	23.0	25.0	18.0	14.5	16.0
20	26.5	20.5	23.0	30.0	25.0	27.5	27.0	23.0	25.0	19.5	15.5	17.5
21	24.5	20.0	22.0	31.0	26.0	28.0	26.5	23.0	24.5	20.5	16.5	18.0
22	22.5	19.5	21.0	31.5	26.5	29.0	26.5	22.5	24.5	22.0	17.0	19.0
23	20.5	17.5	19.0	30.5	27.5	28.5	26.0	21.0	23.5	21.5	16.5	19.0
24	20.5	16.5	18.5	29.5	26.0	27.5	26.0	22.5	24.0	21.5	17.5	19.5
25	24.0	16.5	19.5	28.5	25.5	27.0	27.0	22.0	24.5	21.5	18.5	20.0
26	25.0	20.0	22.0	29.5	24.0	26.5	25.5	23.0	24.0	21.5	18.0	19.5
27	25.5	21.5	23.5	28.5	24.0	26.5	26.5	21.5	24.0	22.0	18.5	20.0
28	27.5	21.5	24.5	28.0	25.0	26.5	26.0	21.5	24.0	23.0	19.0	20.5
29				28.5	25.0	27.0	26.0	21.5	23.5	23.0	19.0	20.5
3 0				29.5	25.0	27.5	25.5	21.5	23.5	23.0	18.5	20.5
31				28.0	25.5	27.0	23.5	21.5	22.5			
MONTH							29.0	21.0	24.7	26.5	14.5	20.0

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV

 $LOCATION.--Lat~39^{\circ}33'32'',~long~118^{\circ}43'30'',~in~NE~^{1}/_{4}~NE~^{1}/_{4}~sec. 33,~T.19~N.,~R.29~E.,~Churchill~County,~Hydrologic~Unit~16050203,~on~right~bank,~7~mi~north-northeast~of~Fallon.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,900 ft above NGVD of 1929, from topographic map. Prior to October 1, 1996, at same site at datum 3.0 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Natural flow affected by irrigation development above station (Newlands Project) and by storage in Lahontan Reservoir (station 10312100). See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 942 ft³/ s, May 27, 1996, gage height, 6.11 ft, (datum then in use); maximum gage height, 8.73 ft, January 22, 1997; no flow at times, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 72 ft³/s, July 14, gage height, 5.01 ft; minimum daily, 1.6 ft³/s, January 11-14.

EXTREM	IES FOR C				R SECOND,		AR OCTOBER			2003	January 11	-14.
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	7.6	2.5	2.8	3.8	8.8	5.2	4.6	17	36	16	10
2	27	8.5	2.6	2.3	3.9	8.8	4.5	5.1	19	31	20	14
3	12	9.6	2.5	1.9	3.7	8.6	5.6	5.1	11	38	19	11
4	12	6.9	2.4	2.0	4.6	8.3	3.2	6.0	13	3 7	13	7.8
5	11	11	2.3	1.9	7.4	8.2	2.9	21	32	28	13	9.6
6 7	7.3 13	7.2 7.3	2.4	1.8	6.1 6.3	8.3 9.1	2.8	16 12	41 26	17 19	12 16	16 19
8	9.5	11	2.5	1.7	7.4	15	16	17	12	15	16	12
9	11	31	2.4	1.7	7.0	11	7.3	21	17	13	9.6	17
10	9.8	13	2.4	1.7	6.7	9.6	8.8	4.5	18	20	11	15
11 12	10 8.5	7.3 8.0	2.3	1.6	7.1 7.4	6.9 6.7	12 8.0	3.4	14 21	22 13	6.9 9.5	9.5
13	13	7.0	2.3	1.6 1.6	7.4	6.1	4.7	2.6	37	15	9.5	9.9 11
14	17	5.1	2.4	1.6	7.7	6.0	6.4	2.8	22	59	10	13
15	6.8	4.8	1.9	1.7	7.9	6.1	5.7	4.6	8.1	37	12	13
16	5.5	4.1	2.0	1.7	7.5	6.0	6.2	8.0	4.3	36	16	13
17	6.4	5.9	2.5	1.7	7.6	6.1	8.3	6.4	3.6	34	19	20
18	6.9	9.5	3.4	1.8	7.6	6.0	8.0	4.7	4.6	29	44	20
19 20	6.7 5.5	7.7 7.0	3.3	1.8	8.0 8.3	4.9 3.6	5.9 5.0	16 14	17 20	15 13	31 36	13 7.7
21	5.3	6.2	3.5	1.9	8.6	3.8	4.6	9.1	28	12	25	e6.3
22	6.7	5.3	3.2	1.9	8.9	3.9	8.7	5.7	22	10	17	e6.0
23	8.1	4.0	e3.0	2.0	9.0	4.4	4.9	9.8	16	12	14	e6.0
24	10	3.5	e2.8	2.1	9.0	4.6	4.8	9.0	12	19	11	e6.0
25	7.3	3.3	e2.4	2.2	9.1	4.3	6.7	4.8	14	19	13	e7.0
26	11	3.0	3.3	2.2	9.1	4.1	13	8.7	10	14	10	e7.0
27	13	2.9	3.3	2.7	9.1	3.8	5.2	6.6	9.8	10	10	e7.0
28	9.8	2.8	3.2	4.1	9.1	4.7	3.5	7.5	8.1	14	9.8	e7.0
29 30	9.8 8.9	2.7	3.0	4.0		21 7.6	3.3 4.8	11 8.6	18 35	15 15	11 18	e7.0 e7.0
31	7.7	2.5	2.9	3.9		4.2		6.6		22	11	
TOTAL	315.5	215.7	83.9	67.3	205.5	220.5	189.3	265.0	530.5	689	489.6	327.8
MEAN	10.2	7.19	2.71	2.17	7.34	7.11	6.31	8.55	17.7	22.2	15.8	10.9
MAX	27	31	3.6	4.1	9.1	21	16	21	41	59	44	20
MIN	5.3	2.5	1.9	1.6	3.7	3.6	2.8	2.6	3.6	10	6.9	6.0
AC-FT	626	428	166	133	408	437	375	526	1050	1370	971	650
STATIST	rics of M	IONTHLY MEA	AN DATA F	OR WATER Y	EARS 1985	- 2003,	, BY WATER	YEAR (WY)				
MEAN	9.03	5.93	4.18	40.8	51.2	73.0	30.0	104	110	34.9	14.6	11.3
MAX	19.1	13.7	12.3	660	727	582	428	441	624	319	27.8	19.3
(WY)	1987	1987	1994	1997	1997	1986	1986	1996	1995	1995	2002	1999
MIN	0.019	0.028	0.63	1.05	0.92	1.20	2.36	4.35	4.72	5.89	0.93	0.045
(WY)	1993	1993	1993	1992	1992	2001	1991	1992	1992	1991	1992	1992
SUMMARY	Y STATIST	'ICS	FOR	2002 CALEN	IDAR YEAR	F	FOR 2003 WA	TER YEAR		WATER YEA	RS 1985 -	2003
ANNUAL ANNUAL				3685.5 10.1			3599.6 9.86			41.5		
	MEAN F ANNUAL	MEAN		10.1			5.86	,		170		1997
	ANNUAL M									2.3		1992
	r DAILY M			48	Jul 16		59	Jul 14		896		
LOWEST	DAILY ME	AN			Mar 24			Jan 11		0.0	0 Sep 29	1992
		MUMINIM YA		1.5	Mar 21			Jan 8			1 Sep 26	
	M PEAK FL						72			942	-	
	M PEAK ST			E210				. Jul 14			3 Jan 22	1997
	RUNOFF (7310 21			7140 19			30080 29		
	CENT EXCE			7.8			7.7			29 6.0		
	CENT EXCE			2.5			2.4			1.8		
				2.5			2.1			1.0		

e Estimated

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV

 $LOCATION.--Lat~39^{\circ}36'38", long~118^{\circ}33'04", in~SW~^{1}/_{4}~SW~^{1}/_{4}~sec.7, T.20~N., R.31~E., Churchill~County,~Hydrologic~Unit~16050203, on~right~bank,~6~mi~north~of~Stillwater.$

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1990 to September 2002, October 2002 to current year (irrigation season only).

GAGE.--Water-stage recorder. Elevation of gage is 3,880 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. Flow in canal is return flow from irrigated lands and ground water inflows from Fallon Indian Reservation. See schematic diagram of Carson River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 198 ft³/ s, June 26, 1995; no flow many days, some years.

		DISC	HARGE, CU	UBIC FEET P		WATER YE Y MEAN VA		2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4					0.38	0.35	1.9	5.0	3.0	6.1	4.4
2	2.9					0.40	0.38	2.0	3.3	1.5	3.3	3.3
3	3.0					0.37	0.50	5.0	5.9	1.9	5.2	
4	3.2					0.36	0.74	6.8	6.4	2.3	14	7.2
5	2.9					0.35	0.60	4.9	5.8	3.3	11	9.9
6	2.6					0.34	1.8	2.9	4.1	9.2	3.2	4.1
7	3.0					0.31	2.9	3.8	2.8		2.5	8.2
8	2.8					0.27	4.0	5.8	2.3	6.7	3.7	4.4
9	2.6					0.27	4.1	8.0	2.7	3.2	3.3	7.9
10	2.7					0.26	2.1	4.7	5.8	2.1	9.0	2.3
11	2.9					0.25	1.9	8.0	3.3	5.6	10	0.92
12	2.3					0.30	4.5	7.6		16	8.1	0.93
13	2.3					0.34	4.1	7.3	2.6	11	4.6	1.7
14	2.3					0.25	4.0	6.4	3.1	5.1	1.6	1.8
15	2.2					0.23	3.8	7.7	3.4	9.6	1.0	1.1
-5	2.2					0.23	3.0		3.1	5.0	1.0	
16	2.1					0.26	4.4	7.7	4.1	7.7	11	0.99
17	2.0					0.46	5.2	9.9	3.9	4.2	29	0.58
18	1.9					0.43	4.4	12	2.7	1.7	29	2.0
19	2.2					0.36	5.1	14	3.0	2.5	14	5.3
20	2.1					0.30	4.5	14	6.0	8.4	19	4.8
21	1.9					0.27	6.6	12	3.0	2.3	25	3.6
22	1.8					0.28	5.6	8.6	9.3	1.3	17	8.2
23	1.9					0.25	5.2	3.6	16	1.6	14	4.2
24	2.3					0.25	5.7	5.1	9.9	5.4	7.6	1.4
25	3.7					0.24	4.7	5.2	7.4	17	7.9	0.75
26	3.9					0.27	2.6	5.2	13	21	3.8	0.56
27	3.5					0.27	2.3	6.2	7.9		2.0	0.48
28	3.4					0.25	2.8	4.6	4.9	21	1.7	0.49
29	2.9					0.27	4.1	9.4	3.3	12	3.0	0.70
30	2.8					0.28	3.0	4.6	2.9		1.5	2.1
31	2.8					0.34		5.5		4.4	1.6	
TOTAL	82.3					9.46			157.0		273.7	97.70
MEAN	2.65					0.31	3.40	6.79	5.23		8.83	3.26
MAX	3.9					0.46	6.6	14	16	24	29	9.9
MIN	1.8					0.23	0.35	1.9	2.3	1.3		0.48
AC-FT	163					19	202	417	311	462	543	194
STATIST	CICS OF M	ONTHLY MEA	AN DATA	FOR WATER	YEARS 199	1 - 2003	, BY WATER	YEAR (WY	.)			
MEAN	7.79	3.79	3.17	8.54	11.0	17.6	9.95	17.5	23.0	8.20	7.34	9.54
MAX	23.7	12.3	13.9	55.0	83.4	71.6	57.4	66.3				37.4
(WY)	1997	1997	1998	1997	1997	1996	1998	1999	1995			1993
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.42	0.28	0.42	0.000	0.000
(WY)	1993	1993	1993	1993	1993	1992	1993	1993	1992	1992	1992	1992
SUMMARY	STATIST	ICS		WATER YE	ARS 1991	- 2003						
ANNUAL				11.								
	ANNUAL			28.		1997						
	ANNUAL M				17	1992						
	DAILY M				Jun 2							
	DAILY ME				00 Dec 2							
		Y MINIMUM			00 Dec 2	6 1990						
	RUNOFF (8010								
	ENT EXCE			32	_							
	ENT EXCE			3.								
90 PERC	CENT EXCE	EDS		0.	UU							

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

WATER-OUALITY RECORDS

PERIOD OF RECORD.--February 1986 to May 1987, October 1990 to October 1996, April 1997 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE.--October 1990 to October 1996, April 1997 to current year.

WATER TEMPERATURE.--October 1990 to October 1996, April 1997 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1990, to August 1993, hourly; September to December 1993, four times per hour; January to October 1996 hourly; April 1997 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to periods of no flow (see Water-Discharge Records), equipment malfunction, and monitor operation (Irrigation season since October 2002).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--Maximum recorded, 67,200 microsiemens/cm at 25°C, October 19, 1990; minimum recorded, 342 microsiemens/cm at 25°C, September 19, 1993.

WATER TEMPERATURE.--Maximum recorded, 36.5°C, July 28, 1991; minimum, freezing point or below, on many days during winter months most years due to extremely high conductance values.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE.--Maximum recorded, 25,800 microsiemens/cm at 25°C, April 3; minimum recorded, 514 microsiemens/cm at 25°C, July 26.

WATER TEMPERATURE.--Maximum recorded, 31.5°C, June 8, July 10, 22; minimum, 2.0°C, October 31.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN NOVEMBER DECEMBER JANUARY OCTOBER 4970 2850 3480 2 2930 2370 2680 ------------------------- - -3 3040 2120 2590 ---3770 2530 3150 ---4 5230 4010 5 3340 6 5290 4360 4830 4910 4970 3130 3920 ------- - -- - ----- - -- - -- - -- - -4080 ---- - -- - -- - -- - -- - -- - ----- - -8 3410 5080 3730 4390 10 5150 11 6800 5150 6160 ---- - -- - -- - -- - -- - -- - -- - -- - -- - -6740 5620 6210 ---- - ----- - -------- - -12 6770 4770 5570 ---- - -- - -- - ----13 5380 4150 14 15 6030 4670 5250 ------------- - ----------- - -6120 5570 16 4920 ------- - -- - -- - -- - -17 7340 5450 6170 ---18 7450 6600 - - -- - -- - -- - -- - -- - ----- - -- - -4190 4890 - - -19 5820 20 5840 4730 5220 ---- - -- - -- - -- - -- - -- - -- - -- - -21 6780 5200 5800 22 7080 5670 6350 ---23 7210 5670 6250 _ _ _ ---2.4 5690 4110 4880 ------- - -- - -- - -- - -- - -- - -- - -25 4920 2330 3200 ---- - -- - -- - -- - -- - -3500 2390 27 3710 2530 3140 ---------------------------2.8 3730 2530 3120 ---------------------------29 4320 3130 3610 ---- - -- - -- - -_ _ _ ---------30 4330 3200 3720 ---- - -31 4590 2840 MONTH 7450 2120 4540 _ _ _ ------_ _ _ _ _ _ ---- - -_ _ _ - - -

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CARSON RIVER BASIN

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

					IDM OCI	ODDR 2002	IO DELIE	IDDIC 200				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				20200	18400	19300	24800	23800	24400	6880	5870	6340
2				19800	18500	19400	24900	23800	24500	6590	4460	5930
3				19600	18200	18900	25800	16900	21700	6940	4180 2360	5540
4				20100	18800	19500 19900	18400 20800	14700	17000	6430		4140
5				20800	19200	19900	20800	17600	18500	2800	1860	2350
6				19700	18600	19200	19200	7410	12200	4120	2470	3260
7				19700	18800	19300	8670	2970	6290	4360	3460	3960
8				20700	19100	20000	9990	1870	4030	4750	2450	3310
9				20700	19700	20200	18600	3900	8690	5240	2100	3200
10				21900	20000	20700	5770	3740	4280	2880	2230	2610
11				22100	20800	21500	6600	4380	5510	2440	1440	1800
12				21600	20100	20700	5070	2470	3190	1500	1190	1380
13				20700	17500	19800	5340	2720	4150	1730	1260	1500
14				23200	20400	22000	4710	2730	3620	2980	1730	2090
15				23400	22300	22900	4230	2710	3260	5630	2010	3720
16				23700	22600	23300	4770	1300	2690	4300	1540	2450
17				22800	17500	19200	2990	1300	2130	3190	2020	2680
18				19800	18100	19200	3170	2460 2610	2930	2700 2760	1700	2220
19 20				20100 22700	18000 20000	19300 21000	5860 6150	4610	4730 5330	1920	1490 1300	2190 1760
20				22700	20000	21000	0130	4010	3330	1520	1300	1700
21				22800	20500	21500	4610	1440	2380	4620	1150	1610
22				22900	19900	22100	2720	1500	2150	5160	1420	2470
23				23800	22200	23200	2680	1940	2240	1560	1390	1460
24				23700	22600	23300	2390	1820	2100	1480	911	1130
25				23800	22300	23400	3270	2060	2360	3950	1290	2530
26				24300	23400	23900	4320	3270	3890	3910	1980	2670
27				24500	23400	24200	6070	4320	5210	2160	1720	1950
28				24800	21700	24100	6090	5160	5720	3720	1690	2150
29				25000	23200	24400	6290	3170	4140	5890	2680	4030
3 0				25700	23800	25000	7940	6290	7290	3060	2210	2800
31				25500	24700	25000				2210	1170	1570
MONITH				25700	17500	21500	25000	1200	7220	6040	011	2000
MONTH				25700	17500	21500	25800	1300	7220	6940	911	2800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY	MAX		MEAN	MAX		MEAN	MAX		MEAN			
DAY 1	MAX 1540		MEAN	MAX 1850		MEAN 1460	MAX 5310		MEAN 3980			
1 2	1540 2180	JUNE 1160 1540	1330 1800	1850 2670	JULY 1140 1850	1460 2350	5310 3630	AUGUST 2270 2320	3980 2780	5080 5210	SEPTEMBE 1730 3720	2990 4480
1 2 3	1540 2180 5780	JUNE 1160 1540 2180	1330 1800 4230	1850 2670 5140	JULY 1140 1850 2670	1460 2350 4380	5310 3630 7750	AUGUST 2270 2320 2340	3980 2780 4630	5080 5210 3870	SEPTEMBE 1730 3720 2710	2990 4480 3340
1 2 3 4	1540 2180 5780 4470	JUNE 1160 1540 2180 2700	1330 1800 4230 3520	1850 2670 5140 5700	JULY 1140 1850 2670 2530	1460 2350 4380 4440	5310 3630 7750 6150	AUGUST 2270 2320 2340 2680	3980 2780 4630 4010	5080 5210 3870 5150	1730 3720 2710 3230	2990 4480 3340 4220
1 2 3	1540 2180 5780	JUNE 1160 1540 2180	1330 1800 4230	1850 2670 5140	JULY 1140 1850 2670	1460 2350 4380	5310 3630 7750	AUGUST 2270 2320 2340	3980 2780 4630	5080 5210 3870	SEPTEMBE 1730 3720 2710	2990 4480 3340
1 2 3 4 5	1540 2180 5780 4470 4350	JUNE 1160 1540 2180 2700 1540	1330 1800 4230 3520 2730	1850 2670 5140 5700 4720	JULY 1140 1850 2670 2530 3510	1460 2350 4380 4440 4060	5310 3630 7750 6150 3370	AUGUST 2270 2320 2340 2680 922	3980 2780 4630 4010 1570	5080 5210 3870 5150 3230	1730 3720 2710 3230 1380	2990 4480 3340 4220 1670
1 2 3 4 5	1540 2180 5780 4470 4350	JUNE 1160 1540 2180 2700 1540	1330 1800 4230 3520 2730	1850 2670 5140 5700 4720	JULY 1140 1850 2670 2530 3510	1460 2350 4380 4440 4060	5310 3630 7750 6150 3370	AUGUST 2270 2320 2340 2680 922	3980 2780 4630 4010 1570	5080 5210 3870 5150 3230	SEPTEMBE 1730 3720 2710 3230 1380	2990 4480 3340 4220 1670
1 2 3 4 5	1540 2180 5780 4470 4350	JUNE 1160 1540 2180 2700 1540 1230 1110	1330 1800 4230 3520 2730 1400 1490	1850 2670 5140 5700 4720 5030 1720	JULY 1140 1850 2670 2530 3510 1100 1100	1460 2350 4380 4440 4060 2200 1330	5310 3630 7750 6150 3370 2020 2410	AUGUST 2270 2320 2340 2680 922 1550 1860	3980 2780 4630 4010 1570 1690 2260	5080 5210 3870 5150 3230 2340 3860	1730 3720 2710 3230 1380 1260 2050	2990 4480 3340 4220 1670
1 2 3 4 5	1540 2180 5780 4470 4350 1800 1860 2190	JUNE 1160 1540 2180 2700 1540 1230 1110 1250	1330 1800 4230 3520 2730 1400 1490 1620	1850 2670 5140 5700 4720 5030 1720 3370	JULY 1140 1850 2670 2530 3510 1100 1100 1030	1460 2350 4380 4440 4060 2200 1330 2000	5310 3630 7750 6150 3370 2020 2410 1860	AUGUST 2270 2320 2340 2680 922 1550 1860 1160	3980 2780 4630 4010 1570 1690 2260 1490	5080 5210 3870 5150 3230 2340 3860 2470	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080	2990 4480 3340 4220 1670 1600 3110 1910
1 2 3 4 5	1540 2180 5780 4470 4350	JUNE 1160 1540 2180 2700 1540 1230 1110	1330 1800 4230 3520 2730 1400 1490	1850 2670 5140 5700 4720 5030 1720	JULY 1140 1850 2670 2530 3510 1100 1100	1460 2350 4380 4440 4060 2200 1330	5310 3630 7750 6150 3370 2020 2410	AUGUST 2270 2320 2340 2680 922 1550 1860	3980 2780 4630 4010 1570 1690 2260	5080 5210 3870 5150 3230 2340 3860	1730 3720 2710 3230 1380 1260 2050	2990 4480 3340 4220 1670
1 2 3 4 5 6 7 8 9	1540 2180 5780 4470 4350 1800 1860 2190 5350	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190	1330 1800 4230 3520 2730 1400 1490 1620 2690	1850 2670 5140 5700 4720 5030 1720 3370 3380	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600	1460 2350 4380 4440 4060 2200 1330 2000 2890	5310 3630 7750 6150 3370 2020 2410 1860 3600	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710	3980 2780 4630 4010 1570 1690 2260 1490 2930	5080 5210 3870 5150 3230 2340 3860 2470 2780	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888	2990 4480 3340 4220 1670 1600 3110 1910 1520
1 2 3 4 5 6 7 8 9	1540 2180 5780 4470 4350 1800 1860 2190 5350	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190	1330 1800 4230 3520 2730 1400 1490 1620 2690	1850 2670 5140 5700 4720 5030 1720 3370 3380	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600	1460 2350 4380 4440 4060 2200 1330 2000 2890	5310 3630 7750 6150 3370 2020 2410 1860 3600	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710	3980 2780 4630 4010 1570 1690 2260 1490 2930	5080 5210 3870 5150 3230 2340 3860 2470 2780	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888	2990 4480 3340 4220 1670 1600 3110 1910 1520
1 2 3 4 5 6 7 8 9 10	1540 2180 5780 4470 4350 1800 1860 2190 5350 6390	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960
1 2 3 4 5 6 7 8 9 10	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070 2030 1050 1330	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2990 3290
1 2 3 4 5 6 7 8 9 10	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410 4220	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390	1330 1800 4230 3520 2730 1400 1620 2690 5070 2030 1050 1330 2320	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1580	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1420 1400 943	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 1050	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3200	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960 3290 1980
1 2 3 4 5 6 7 8 9 10	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070 2030 1050 1330	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2990 3290
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410 4220 4960	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070 2030 1050 1330 2320 4280	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1580 1020	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400 943 644	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1750 1050 750	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340	2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3200 3580	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820 7250	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710 1980	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2390 2960 3290 1980 3870
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410 4220 4960	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070 2030 1050 1330 2320 4280	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1580 1020	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400 943 644 704	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 1050 750	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3200 3580	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820 7250	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2620 1710 1980 5280	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960 3290 1980 3870
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1540 2180 5780 4470 4350 1800 1860 2190 5350 6390 3770 1270 4410 4220 4960	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030 1590 1990	1330 1800 4230 3520 2730 1400 1620 2690 5070 2030 1050 1330 2320 4280	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1020	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400 943 644 704 847	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 1050 750	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3580 982 753	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820 7250	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 26000 2820 1710 1980 5280 5720	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960 3290 2960 3290 5700 6870
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1540 2180 5780 4470 4350 1800 1860 2190 5350 6390 3770 1270 1410 4220 4960 3030 2650 2030	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030 1590 1990 1670	1330 1800 4230 3520 2730 1400 1490 1620 2690 5070 2030 1050 1330 2320 4280	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1020	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400 943 644 704 847 1720	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 750 920 1120 2210	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340 4430 4430	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3200 3580 982 753 1100	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070 1510 1580 2000	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 7250 6920 8250 8420	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710 1980 5280 5720 2270	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960 3290 1980 3870 5700 6870 6240
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1410 4220 4960 3030 2050 2020	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030 1590 1990 1670 1380	1330 1800 4230 3520 2730 1400 1620 2690 5070 2030 1050 1330 2320 4280 2350 2290 1830 1740	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2390 2180 1580 1020	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 1400 943 644 704 847 1720 1130	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 1050 750 920 1120 2210 2540	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340 4580 4430 4300 1900	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3200 3580 982 753 1100 852	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070 1510 1580 2000 1410	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820 7250 6920 8250 8420 6610	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710 1980 5280 5720 2270 2000	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2960 3290 1980 3870 5700 6870 6240 2760
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1 2 3 4 4 5 5 6 7 8 9 9 10 0 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1270 1410 4220 4960 3030 2050 2030 2020 1920 5660 4430 3130 1500 2260	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030 1590 1990 1670 1380 955 1920 1560 1420 1130 1000 1610 1230 946 1220	1330 1800 4230 3520 2730 1400 1620 2690 5070 2030 1050 1330 2320 4280 2350 2290 1830 1740 1330 2590 2070 1320 1570 2200 1570	1850 2670 5140 5700 4720 5030 1720 3370 3380 4380 5370 2180 1580 1020 1720 3590 6080 7170 1870 2110 3470 3900 1970	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2600 2230 1560 1420 14400 943 644 704 847 1720 1130 1680 1710 1750 1850 1170 612 514 662 667 921	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1990 1750 750 920 1120 2210 2540 3570 1790 1910 2740 2270 1220 727 1020 1300 1300 1300 1300	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340 4580 4330 4300 1900 2870 2190 1380 3470 3460	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3580 982 753 1100 852 1820 1480 1270 1160 1130 1900 1420 1710 1850 2980	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070 1510 1580 2000 1410 2370 1680 1550 1270 2050 2430 1700	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 7250 6920 8250 8420 7250 6920 8250 8420 7500 3530 5690 2070 2590 4000 4920 5950 7200 7270	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710 1980 5280 5720 2270 2000 3080 2160 1870 1170 1380 2590 4000 4920 5950 5150	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 2960 3870 5700 6870 6240 2760 4900 4900 4900 4900 4900 4900 4900 49
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	1540 2180 5780 4470 4350 1860 2190 5350 6390 3770 1410 4220 4960 3030 2050 2030 2020 1920 5660 4430 3130 2260 2670 2290 1330 1600	JUNE 1160 1540 2180 2700 1540 1230 1110 1250 2190 3770 995 961 1210 1390 3030 1590 1670 1380 955 1920 1560 1420 1130 1000 1610 1230 946 1220 1200	1330 1800 4230 3520 2730 1400 1620 2690 5070 2030 1050 1330 2320 4280 2350 2290 1830 1740 1330 2520 2590 2570 2570 2570 2570 2570 2570 2570 257	1850 2670 5140 5700 4720 5030 1720 3370 2380 4380 5370 2180 1580 1020 1720 3590 6080 7170 1870 2110 3470 3900 1970	JULY 1140 1850 2670 2530 3510 1100 1100 1030 2630 2230 1560 1420 1400 943 644 704 847 1720 1130 1680 1710 1750 1850 1170 612 514 662 667 921 968	1460 2350 4380 4440 4060 2200 1330 2000 2890 3110 4090 1750 1050 750 920 1120 2210 2540 3570 1790 1910 2740 2270 1220 727 1020 1300 1300 1300 1300 1300 1300 1300	5310 3630 7750 6150 3370 2020 2410 1860 3600 3780 2480 5650 7870 3580 4340 4580 4430 4300 1900 2870 2190 1890 1890 1890 1890 1890 1890 1890 1	AUGUST 2270 2320 2340 2680 922 1550 1860 1160 1710 1900 1060 1020 3200 3580 982 753 1100 852 1820 1480 1270 1160 1130 1900 1420 1710 1850 2980 3090	3980 2780 4630 4010 1570 1690 2260 1490 2930 2820 1570 1720 5320 3420 4070 1510 1580 2000 1410 2370 1680 1550 1270 2050 2430 1700 1930 2140 6310 5670	5080 5210 3870 5150 3230 2340 3860 2470 2780 3300 2840 3810 3820 2820 7250 6920 8250 8420 6610 7500 3530 5690 2070	SEPTEMBE 1730 3720 2710 3230 1380 1260 2050 1080 888 2780 1950 2600 2820 1710 1980 5280 5720 2270 2000 3080 2160 1870 1170 1380 2590 4000 4920 5950 5150 7030	2990 4480 3340 4220 1670 1600 3110 1910 1520 2990 2390 1980 3290 1980 3290 6870 6240 2760 4900 2890 3170 1410 1820 3030 4280 5510 6610 66150 6490

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		DI	ECEMBER			JANUARY	
1	15.5	10.0	12.5									
2	15.0	7.5	11.0									
3	15.5	6.5	11.0									
4	16.5	12.0	14.0									
5	18.5	10.0	14.0									
6	19.5	10.5	14.5									
7	19.5	11.0	15.0									
8	19.5	10.5	15.0									
9	18.0	10.5	14.5									
10	14.5	12.0	13.0									
11	16.0	8.5	12.0									
12	15.5	6.5	11.0									
13	15.5	6.5	10.5									
14	16.0	7.0	11.0									
15	16.5	7.0	11.5									
16	15.5	7.0	11.0									
16	16.0	8.0	11.0									
18	16.5	7.0	11.5									
19	15.5	7.0	10.5									
20	15.0	6.5	10.5									
21	15.0	7.5	11.0									
22	15.5	7.0	11.0									
23 24	15.5 14.0	7.0 7.0	11.0 10.5									
25	12.5	8.5	10.5									
23	12.5	0.5	10.5									
26	12.5	8.0	10.5									
27	12.5	8.0	10.5									
28	12.0	8.5	10.0									
29	11.5	6.0	8.5									
30	9.5	4.0	6.5									
31	7.5	2.0	4.5									
MONTH	19.5	2.0	11.3									
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX			MAX		MEAN			MEAN	MAX		MEAN
DAY	MAX	MIN FEBRUARY		MAX	MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN	MEAN
DAY 1	MAX			MAX 13.0		MEAN			MEAN	MAX 19.5		MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1		FEBRUARY		13.0	MARCH	8.0	14.0	APRIL 7.5	10.5	19.5	MAY 8.5	13.5
1 2 3 4		FEBRUARY		13.0 13.5 14.0 14.0	MARCH 4.5 2.5 3.5 3.5	8.0 7.0 7.5 8.0	14.0 14.5 13.5 11.5	7.5 5.0 3.0 4.5	10.5 8.5 8.0 8.0	19.5 16.5 18.0 18.0	MAY 8.5 12.0 10.5 11.5	13.5 14.0 14.0 14.5
1 2 3		FEBRUARY		13.0 13.5 14.0	MARCH 4.5 2.5 3.5	8.0 7.0 7.5	14.0 14.5 13.5	7.5 5.0 3.0	10.5 8.5 8.0	19.5 16.5 18.0	MAY 8.5 12.0 10.5	13.5 14.0 14.0
1 2 3 4 5		FEBRUARY		13.0 13.5 14.0 14.0	MARCH 4.5 2.5 3.5 3.5 2.5	8.0 7.0 7.5 8.0 8.5	14.0 14.5 13.5 11.5	7.5 5.0 3.0 4.5 2.5	10.5 8.5 8.0 8.0	19.5 16.5 18.0 18.0 21.0	MAY 8.5 12.0 10.5 11.5 9.5	13.5 14.0 14.0 14.5 15.5
1 2 3 4 5		FEBRUARY		13.0 13.5 14.0 14.0 16.0	MARCH 4.5 2.5 3.5 3.5 4.5	8.0 7.0 7.5 8.0 8.5	14.0 14.5 13.5 11.5 16.0	7.5 5.0 3.0 4.5 2.5	10.5 8.5 8.0 8.0 8.5	19.5 16.5 18.0 18.0 21.0	MAY 8.5 12.0 10.5 11.5 9.5	13.5 14.0 14.0 14.5 15.5
1 2 3 4 5		FEBRUARY		13.0 13.5 14.0 14.0	MARCH 4.5 2.5 3.5 3.5 2.5	8.0 7.0 7.5 8.0 8.5	14.0 14.5 13.5 11.5	7.5 5.0 3.0 4.5 2.5	10.5 8.5 8.0 8.0	19.5 16.5 18.0 18.0 21.0	MAY 8.5 12.0 10.5 11.5 9.5	13.5 14.0 14.0 14.5 15.5
1 2 3 4 5		FEBRUARY		13.0 13.5 14.0 14.0 16.0	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0	8.0 7.0 7.5 8.0 8.5 9.5	14.0 14.5 13.5 11.5 16.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0	10.5 8.5 8.0 8.0 8.5	19.5 16.5 18.0 18.0 21.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0	13.5 14.0 14.0 14.5 15.5
1 2 3 4 5 6 7 8		FEBRUARY		13.0 13.5 14.0 14.0 16.0	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0 3.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0	10.5 8.5 8.0 8.0 8.5 9.0 11.0	19.5 16.5 18.0 21.0 19.5 16.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5	13.5 14.0 14.0 14.5 15.5
1 2 3 4 5 6 7 8 9		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.5 12.0 9.5 7.5 8.0	13.5 14.0 14.0 14.5 15.5 16.0 14.0 9.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.5 12.0 9.5 7.5 8.0	13.5 14.0 14.0 14.5 15.5 16.0 14.0 12.0 9.0 12.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0	13.5 14.0 14.0 14.5 15.5 16.0 14.0 12.0 9.0 12.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.5 12.0 9.5 7.5 8.0	13.5 14.0 14.0 14.5 15.5 16.0 14.0 12.0 9.0 12.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 8.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 12.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5	MARCH 4.5 2.5 3.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3	19.5 16.5 18.0 21.0 19.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 12.0 9.0 12.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 20.0 20.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 6.3 8.1 9.1 8.1	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 23.5 23.5 23.5 23.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 20.0 20.0 20.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 9.0 12.0 9.0 12.0 19.0 20.0 20.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 6.0 3.0 6.0 4.0 3.5	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 6.3 8.1 9.1 8.1 5.7 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 23.5 21.5 21.5 24.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0 18.0 16.5 16.0 18.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 15.7	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5 23.5 21.5 21.5 24.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.5 17.0 14.5 12.5 15.5 17.0 14.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 9.0 12.0 9.0 19.0 20.0 20.0 19.0 18.0 19.5 16.5 16.0 18.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 4.0 3.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 5.7 8.5	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5 23.5 21.5 21.5 24.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.5 17.0 14.5 12.5 12.0 14.5 12.5 12.0 14.0	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 20.0 20.0 19.0 18.0 19.0 16.5 16.0 18.5 21.5 23.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 9.5 10.5 9.0 9.5 10.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 9.1 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5 23.5 21.5 21.5 24.0 26.0 28.5 29.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0 16.5 16.5 19.0 20.0 19.0 20.0 19.0 20.0 19.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 6.3 8.1 9.1 8.1 5.7 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 24.5 21.5 21.5 24.0 26.0 28.5 29.0 27.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.5 12.5 12.0 11.0 14.0	13.5 14.0 14.0 14.0 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0 18.0 18.5 16.0 18.5 21.5 23.5 23.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.5 14.5	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 9.5 10.5 9.0 9.5 10.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 9.1 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5 23.5 21.5 21.5 24.0 26.0 28.5 29.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0 16.5 16.5 19.0 20.0 19.0 20.0 19.0 20.0 19.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0 17.0 19.5 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.5 10.0 11.5 11.5 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 5.7 8.5 9.5 9.5 9.5 13.5 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 13.5 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 21.5 24.0 26.0 28.5 29.0 27.5 26.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.0 16.5 18.0 18.5 20.0 19.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 16.5 19.0 20.0 20.0 19.0 16.5 16.5 16.5 12.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5 14.5 17.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0 6.0 7.5 9.5 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.8 8.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5	7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 15.7 8.5 9.5 9.5 9.5 9.5 9.5 9.5	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 15.0 11.5 15.0 11.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 24.5 23.6 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 24.5 23.5 24.5 24.5 23.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.5 17.0 14.5 12.5 12.0 11.0 14.0 16.5 18.0 18.0 19.5 17.5 18.0 19.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 20.0 20.0 20.0 19.0 18.0 19.5 16.5 16.0 18.5 21.5 23.5 23.5 22.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 4 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0 12.5 16.0 17.0 17.0 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.0 12.0 11.5 12.0 11.5 10.0	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5 20.0 19.5	APRIL 7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 5.7 8.5 10.5 9.5 13.5 8.5 6.5 10.5 10.5	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 15.0 16.5 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.0 24.5 23.5 21.5 24.0 26.0 28.5 29.0 27.5 26.0 28.5 31.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.5 17.0 14.5 12.5 12.0 14.5 12.5 15.5 12.0 14.0 16.5 18.0 18.5 20.0 19.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 20.0 20.0 19.0 18.0 19.0 16.5 16.0 18.5 21.5 23.5 23.5 22.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0 12.5 16.0 17.0 19.5 17.0 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5 20.0 19.5	APRIL 7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 9.1 8.7 8.5 10.5 9.5 13.5 8.5 10.5 9.5 10.5 9.5 10.0 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 13.5 13.5 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 24.5 23.5 24.5 23.6 24.5 23.5 21.5 24.0 26.0 28.5 29.0 27.5 26.0 28.5 31.0 28.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.5 12.5 12.0 14.0 16.5 18.0 18.5 20.0 19.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 12.0 20.0 20.0 19.0 16.5 19.0 16.5 16.5 19.0 23.5 23.5 23.5 23.5 22.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		FEBRUARY		13.0 13.5 14.0 14.0 16.0 16.5 17.5 17.5 14.5 15.5 19.0 21.0 19.5 17.5 14.5 17.0 19.5 17.0 19.5 17.0 19.5 17.0	MARCH 4.5 2.5 3.5 2.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5 19.5 23.0 20.5 19.5	APRIL 7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 6.3 8.1 9.1 8.1 5.7 8.5 10.5 9.5 13.5 8.5 10.5 10.5 10.5 8.5	10.5 8.5 8.0 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 15.5 15.5 15.5 16.5 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 24.5 23.5 24.5 23.6 26.0 28.5 29.0	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 15.5 17.0 14.5 12.5 12.0 14.5 12.5 12.0 14.5 12.5 12.0 14.0 16.5 18.0 19.5 19.5 19.5 20.0 19.5	13.5 14.0 14.0 14.5 15.5 16.0 12.0 9.0 12.0 9.0 20.0 20.0 19.0 18.5 16.5 19.0 20.0 21.5 23.5 23.5 23.5 22.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY		13.0 13.5 14.0 16.0 16.5 17.5 17.5 14.5 19.0 21.0 19.5 17.5 14.5 17.0 12.5 16.5 17.0 12.5 16.0 17.0 19.5 17.0 17.0	MARCH 4.5 2.5 3.5 2.5 4.5 4.0 3.5 6.5 7.5 5.5 7.5 8.0 6.0 6.0 3.0 6.0 4.0 3.5 7.0 6.0 7.5 9.0 8.5 7.0	8.0 7.0 7.5 8.0 8.5 9.5 10.0 10.0 11.0 11.5 13.0 12.0 11.5 10.5 9.0 9.5 10.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5	14.0 14.5 13.5 11.5 16.0 13.5 17.0 19.5 22.5 21.2 21.2 21.2 18.8 15.3 14.7 18.2 12.6 16.2 15.6 19.4 18.0 16.5 14.0 21.5 20.0 19.5 20.0 19.5	APRIL 7.5 5.0 3.0 4.5 2.5 5.0 4.0 7.0 9.0 11.2 9.9 11.4 8.5 8.5 6.3 8.1 9.1 8.1 9.1 8.7 8.5 10.5 9.5 13.5 8.5 10.5 9.5 10.5 9.5 10.0 8.5	10.5 8.5 8.0 8.5 9.0 11.0 13.5 15.5 16.3 15.6 14.8 11.7 11.3 12.0 10.4 12.2 11.7 12.3 13.5 13.5 13.5 13.5	19.5 16.5 18.0 21.0 19.5 16.5 14.0 10.0 17.0 21.5 23.5 24.5 23.5 24.5 23.5 24.5 23.5 24.5 23.6 24.5 23.5 21.5 24.0 26.0 28.5 29.0 27.5 26.0 28.5 31.0 28.5	MAY 8.5 12.0 10.5 11.5 9.5 12.5 12.0 9.5 7.5 8.0 12.0 15.0 14.5 12.5 17.0 14.5 12.5 12.0 14.5 12.5 12.0 14.0 16.5 18.0 18.5 20.0 19.5	13.5 14.0 14.5 15.5 16.0 12.0 9.0 12.0 12.0 20.0 20.0 19.0 16.5 19.0 16.5 16.5 19.0 23.5 23.5 23.5 23.5 22.5

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	lR
1	29.0	20.5	25.0	27.5	20.5	24.0				22.0	17.0	19.0
2	30.0	21.0	25.0	27.5	17.5	22.5				23.0	18.0	20.0
3	29.0	19.5	24.5	27.5	18.0	23.0				23.0	18.0	20.0
4	28.5	20.5	24.5	28.0	17.5	23.0				23.0	19.0	21.0
5	28.0	19.0	23.0	28.0	20.5	24.5				24.0	19.5	21.5
6	29.0	19.5	24.0	28.5	22.0	25.0				23.0	18.0	20.5
7	30.5	20.0	25.0	27.5	22.5	25.0				21.5	18.0	19.5
8	31.5	20.5	25.5	27.5	20.5	24.0	27.5	19.5	23.5	21.0	16.5	18.5
9	30.0	20.5	25.0	29.5	21.0	25.0	27.5	18.5	23.0	19.5	15.5	17.0
10	29.0	21.5	25.0	31.5	20.5	25.5	26.0	20.0	23.0			
11	27.5	17.5	23.0	30.0	20.5	25.5	26.0	21.5	23.5			
12	29.0	20.5	24.5	29.0	23.0	26.0	25.0	21.0	23.0			
13	29.5	19.5	24.0	28.0	21.0	24.5	26.0	20.0	23.0			
14	29.5	18.5	23.5	28.5	20.5	24.0	26.0	18.5	22.0			
15	29.0	18.5	24.0	28.0	22.0	25.0	28.0	18.5	22.5			
16	29.5	20.5	25.0	28.0	22.0	25.5	25.5	21.5	23.0			
17	30.5	22.5	26.0	29.5	23.5	26.5	25.5	21.0	23.0			
18	30.5	23.0	26.0	30.0	22.0	25.5	25.5	21.5	23.5			
19	28.5	20.5	24.0	28.0	22.0	25.0	26.0	22.0	24.0	17.5	11.0	14.0
20	26.5	20.5	23.5	29.0	24.0	26.0	25.5	21.5	23.5	18.5	13.5	16.0
21	27.5	18.0	22.5	31.0	23.0	27.0	24.5	22.5	23.5	18.5	13.5	16.0
22	24.0	19.0	22.0	31.5	23.0	27.0	25.0	22.0	23.5	18.5	15.0	16.5
23	21.5	18.0	19.5	30.5	23.0	26.0	24.5	20.0	22.5	20.5	13.5	16.5
24	24.0	16.0	20.0	27.0	23.5	25.0	24.5	20.5	22.5	20.5	13.0	17.0
25	26.0	18.0	22.0	26.5	24.0	25.0	24.5	20.5	22.5	21.0	13.0	17.0
26	27.0	19.5	23.5	27.5	22.5	24.5	23.5	21.0	22.0	20.5	11.0	16.0
27	28.5	21.0	24.5	27.0	24.0	25.5	24.5	18.5	21.5	21.5	12.0	16.5
28	29.0	22.0	25.5	27.0	23.5	25.0	23.5	18.5	21.0	22.0	12.5	17.0
29	29.5	22.5	25.5	26.5	24.0	25.5	22.5	17.5	20.0	21.5	14.5	18.0
3 0	28.0	19.5	24.0	26.5	24.5	25.5	23.5	16.5	20.0	19.0	13.0	17.0
31				26.0	23.5	24.5	21.5	17.5	19.0			
MONTH	31.5	16.0	24.0	31.5	17.5	25.0						

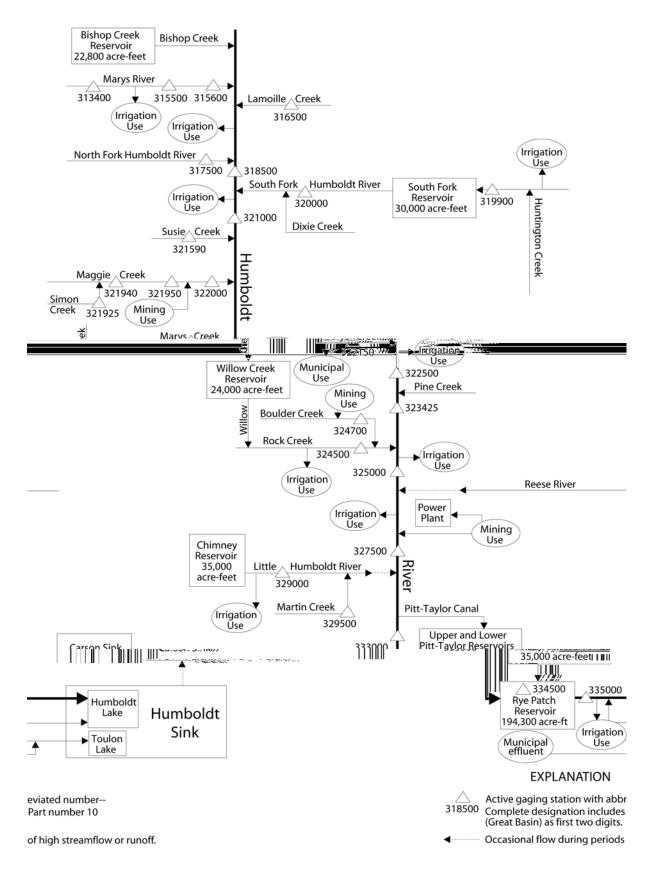


Figure 25. Schematic diagram of flow system and gaging stations in the Humboldt River basin.

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV

 $LOCATION.-Lat~41^{\circ}33'30",~long~115^{\circ}18'21",~in~SE~^{1}/_{4}~NE~^{1}/_{4}~sec.9,~T.42~N.,~R.59~E.,~Elko~County,~Hydrologic~Unit~16040101,~on~right~bank,~5~mi~below~Orange~Bridge,~and~approximately~14~mi~southeast~of~Charleston.$

DRAINAGE AREA.--72 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,860 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 819 ft³/ s, May 20, 1993, gage height, 4.57 ft; no flow some days, some years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ${\rm ft}^3\!/$ s and maximum (*):

EXTREM	IES FOR C	URRENI Y	EAKP	-	-	n base di	scharge of 200					
				Discharge (arge Gag			
		Date	Time	(ft^3/s)	(ft)		Date Ti	me (ft^3 /	s)	(ft)		
		May 29	0230	*381	*4.15		No other pea	aks greater tha	n base disc	harge.		
		DISC	HARGE, (CUBIC FEET P	ER SECOND,	WATER Y	EAR OCTOBER 2	2002 TO SE	PTEMBER	2003		
					DAIL	Y MEAN V	/ALUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	2.9	e4.8	13	3 0	e3.0	63	62	207	9.4	0.00	0.00
2	2.2	2.9	e4.6	16	21	e3.0	62	61	162	8.1	0.00	0.00
3	2.5	3.5	e4.6	13	e17	e3.6	54	74	143	6.7	0.05	0.00
4	2.3	3.9	e4.5	10	e15	e3.0	51	81	126	5.4	0.69	0.00
5	2.7	3.5	e4.5	7.9	e13	e3.0	47	78	110	4.7	0.30	0.00
6	2.8	3.6	e4.5	8.4	e11	5.1	45	72	97	4.4	0.11	0.00
7	2.8	3.6	e4.5	e8.0	e10	5.2	44	68	89	3.8	0.07	0.00
8	2.2	10	e4.6	e8.6	e9.0	5.1	47	71	83	3.8	0.01	0.00
9 10	2.3	10 8.9	e4.6 e5.0	e9.0 15	e9.0 e9.0	4.1 6.2	56 68	79 81	79 73	3.2	0.00	0.00
11	1.9	5.9	e5.4	10	e12	9.0	81	8 9	67	3.1	0.00	0.00
12	2.2	4.4	e6.0	11	19	11	95	89	60	3.3	0.00	0.00
13	3.1	7.5	7.3	11	14	21	101	90	56	1.5	0.00	0.00
14	3.3	6.2	9.3	13	12	35	93	108	50	0.92	0.00	0.00
15	2.9	4.2	7.5	11	12	37	80	134	45	0.92	0.00	0.00
16	2.8	4.6	8.3	10	8.9	37	71	158	42	0.75	0.00	0.00
17	2.9	4.4	12	e9.0	8.4	36	68	166	38	0.47	0.00	0.00
18	2.8	4.3	7.5	e9.0	7.7	32	64	148	36	0.11	0.00	0.00
19	2.9	4.1	e6.0	e9.0	8.3	30	59	120	35	0.11	0.00	0.03
20	3.1	4.5	e6.0	e9.0	8.2	31	59	117	3 0	0.13	0.00	0.25
21	2.8	5.2	e6.0	e9.0	9.3	30	63	127	28	0.15	0.00	0.30
22	2.9	6.7	e4.8	e9.0	5.7	32	65	168	26	0.10	0.00	0.27
23	4.2	7.1	e3.4	13	6.0	35	78	238	23	0.07	0.00	0.23
24	4.9	6.1	e3.4	12	5.0	35	81	268	23	0.05	0.00	0.22
25	4.4	e7.4	e3.4	11	e5.0	37	84	295	24	0.08	0.00	0.21
26	4.3	e6.8	e3.5	11	e5.0	55	80	310	21	0.26	0.00	0.22
27	4.5	e6.4	e7.0	11	e5.0	49	75	286	18	0.24	0.00	0.20
28	4.8	e6.0	15	12	e4.0	44	73	306	15	0.12	0.00	0.21
29	4.9	e5.6	12	12		44	71	341	14	0.08	0.00	0.22
30	4.7	e5.4	11	13		47	66	295	11	0.05	0.00	0.23
31	3.5		12	29		57		279		0.00	0.00	
TOTAL	97.4	165.6	203.0	352.9	299.5	785.3	2044	4859	1831	65.11	1.23	2.59
MEAN	3.14	5.52	6.55	11.4	10.7	25.3	68.1	157	61.0	2.10	0.040	0.086
MAX	4.9	10	15	29	3 0	57	101	341	207	9.4	0.69	0.30
MIN	1.8	2.9	3.4	7.9	4.0	3.0	44	61	11	0.00	0.00	0.00
AC-FT	193	328	403	700	594	1560	4050	9640	3630	129	2.4	5.1
STATIST	TICS OF M	ONTHLY MEA	N DATA	FOR WATER	YEARS 1992	2 - 2003	3, BY WATER	YEAR (WY)				
MEAN	3.76	6.42	7.12	10.2	14.7	51.4	111	189	111	15.8	1.40	1.50
MAX	7.65	11.0	12.7	28.6	51.3	139	229	345	233	52.1	5.66	4.62
(WY)	1999	1992	1996	1997	1996	1996	1996	1993	1995	1995	1993	1998
MIN	1.02	4.40	3.21	3.73	4.48	17.4	47.5	47.1	7.04	1.14	0.000	0.000
(WY)	1996	1996	1994	1994	2001	1994	1994	1992	1992	2001	2001	1994
SUMMARY	STATIST	ICS	FO	R 2002 CALE	NDAR YEAR		FOR 2003 WA	TER YEAR		WATER YEA	ARS 1992 -	2003
ANNUAL	TOTAL			15607.5	2		10706.63					
ANNUAL	MEAN			42.8			29.3			43.6	5	
HIGHEST	ANNUAL	MEAN								73.0)	1996
	ANNUAL M									15.8	3	1992
HIGHEST	DAILY M	EAN		317	Apr 15 0 Aug 19 0 Aug 19			May 29		579	May 14	
		AN		0.0	0 Aug 19		0.00	Jul 31 Aug 9		0.0	00 Aug 17 00 Aug 17	1994
		Y MINIMUM		0.0	0 Aug 19		0.00	Aug 9		0.0	00 Aug 17	1994
	1 PEAK FL						381	May 29		819 4.5	May 20	1993
	1 PEAK ST			20000			4.15	May 29		4.5	o/ May 20	1993
	RUNOFF (30960			21240 81			31610		
	CENT EXCE			165 5.7			7.0			154 7.7		
	CENT EXCE			0.0			0.00			0.5		
20 I LIKE	DACE			0.0	-		0.00			0	-	

Estimated

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1991 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: November 1991 to current year.

INSTRUMENTATION.--Water temperature recorder since November 1991, hourly.

REMARKS.--Records represent water temperature at probe within 0.5°C. Interruptions in record due to periods of no flow (see WATER-DISCHARGE Records) or sensor froze in ice.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 32.0°C, August 12, 1992; minimum, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 27.0°C, July 23, 26; minimum, freezing point on many days from October to April.

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	!	NO	OVEMBER		DI	ECEMBER			JANUARY	
1	11.0	6.0	8.0	1.5	0.0	0.5	2.5	0.0	1.0	0.0	0.0	0.0
2	8.0	3.0	5.5	1.5	0.0	0.5	3.0	0.0	1.0	0.0	0.0	0.0
3	9.0	3.0	7.0	2.0	0.0	0.5	2.0	0.0	0.5	0.0	0.0	0.0
4	11.5	6.5	9.0	2.5	0.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0
5	12.0	6.5	9.0	4.0	0.0	1.0	1.0	0.0	0.0	0.5	0.0	0.0
6	15.5	6.5	10.5	4.5	0.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0
7	15.5	7.0	10.0	3.5	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
8	14.5	6.0	9.5	4.0	0.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
9	13.5	5.5	9.0	5.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
10	10.5	6.0	8.5	3.5	1.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
11	12.0	3.0	7.0	5.0	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
12	11.0	2.5	6.0	4.5	0.0	3.0	1.0	0.0	0.0	0.5	0.0	0.0
13	11.5	3.0	6.5	6.0	2.5	4.5	1.0	0.0	0.5	1.0	0.0	0.0
14	11.5	3.0	7.0	5.0	0.0	2.5	2.5	0.5	1.5	1.0	0.0	0.0
15	11.5	3.5	7.0				2.5	0.5	1.5	0.5	0.0	0.0
16	12.0	4.0	7.5	4.0	0.5	2.0	1.5	0.0	0.5	0.0	0.0	0.0
17	12.0	4.0	7.5	4.0	0.5	2.0	1.5	0.0	0.0	0.0	0.0	0.0
18	11.5	3.5	6.5	2.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
19	11.5	3.5	7.0	4.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
20	11.0	4.0	7.0	5.0	0.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
21	10.5	5.0	7.5	5.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
22	10.0	4.5	7.0	5.0	1.5	3.5	0.0	0.0	0.0	0.5	0.0	0.0
23	7.5	3.5	5.5	5.5	2.5	4.0	0.0	0.0	0.0	1.5	0.0	0.5
24	7.5	3.0	5.5	3.5	0.5	2.0	0.0	0.0	0.0	3.0	0.5	1.5
25	8.5	3.0	5.5	2.0	0.0	0.5	0.0	0.0	0.0	4.0	0.5	2.0
26	9.0	3.0	5.5	1.5	0.0	0.5	0.0	0.0	0.0	3.0	0.0	1.0
27	8.5	2.5	5.0	1.5	0.0	0.0	0.0	0.0	0.0	3.5	0.0	2.0
28	8.0	2.0	4.5	2.0	0.0	0.5	0.0	0.0	0.0	3.0	0.0	1.5
29	4.5	1.0	3.0	2.5	0.0	1.0	0.0	0.0	0.0	2.5	0.0	1.0
30	5.0	0.0	2.0	2.0	0.0	0.5	0.0	0.0	0.0	4.5	0.5	2.5
31	3.0	0.0	0.5				0.0	0.0	0.0	5.0	1.0	2.5
MONTH	15.5	0.0	6.7				3.0	0.0	0.2	5.0	0.0	0.5

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.5	0.5	2.0	2.0	0.0	0.5		4.0	5.5	8.5	2.5	5.5
2	2.0	0.0	0.5	3.5 2.5	0.0	1.0 0.5	6.5 7.0	2.0	4.0	9.5 8.5	4.0 5.0	6.5 6.5
4	0.0	0.0	0.0	1.5	0.0	0.5	6.5	0.0	3.0	8.5	4.5	6.0
5	0.0	0.0	0.0	3.5	0.0	1.5	7.5	1.0	3.5	9.5	2.5	6.0
6	0.0	0.0	0.0	3.0	0.0	2.0	4.5	1.5	3.0	8.5	3.0	6.0
7 8	0.0	0.0	0.0	4.0 7.0	0.0	2.0 3.5	10.0 11.5		4.0 6.0	9.0 7.0	3.0 3.5	6.0 5.5
9	0.0	0.0	0.0	5.0	0.0	3.0	12.5	3.0	7.5		2.5	5.5
10	0.0	0.0	0.0	8.0	1.5	4.5	12.0	3.5	8.0	9.0	4.0	6.5
11	0.0	0.0	0.0	8.5	1.0	5.0	12.0	3.5	8.0	12.5	4.0	8.0
12	0.0			11.0	2.0	6.0	11.0	4.0	7.5	9.5	5.0	7.5
13 14	1.0	0.0	0.0	9.0 8.5	2.0 3.5	5.5 5.5	9.5 6.5	3.5	6.5 4.5	13.5 12.5	4.0 5.5	9.0 9.0
15	3.5	0.0	1.5	6.5	2.0	3.5	9.5	2.5	5.5	13.5		8.5
16	3.5	0.0	1.5	8.5	0.0	3.5	6.5	2.5	4.5	12.5	4.5	8.5
17	3.5	0.0	1.0	7.5	1.0	3.5	9.0	3.5	5.5	11.5	4.0	7.5
18 19	2.0 1.5	0.0	0.5	8.0 9.5	0.5	3.5 4.0	10.5 11.0	3.0	6.0 6.0	10.5	3.0 1.5	6.5 6.0
20	2.5	0.0	0.5 1.0	6.5	0.0 1.5	3.5	11.0	1.5	7.0	11.0 13.0	2.5	7.5
21 22	4.5	0 0	2.0 1.5	8.5 8.0	0.0 2.5	4.0	8.5 6.5	4.5 3.5	6.5 5.0	14.5	4.5 5.0	9.5 9.5
23	3.0	0.0	1.0	9.5	4.0	6.0	10.0			12.0		9.0
24	0.5	0.0	0.0	10.0	2.5	5.5 5.0	11.5			12.0		8.5
25	1.5	0.0	0.0	9.5	1.0	5.0	8.0	4.5	6.0	12.0	5.5	9.0
26	2.5	0.0	0.5	5.5	1.5	4.0	9.0	2.5	5.5	12.5		9.0
27 28	2.0	0.0	0.5	7.5 7.5	0.0	3.0	9.0 7.5	3.5 5.0	6.0 6.0	14.5 15.0		9.5 10.5
29				9.5	0.0	4.5	8.5	3.5	6.0	13.5		10.0
30				11.5	1.5	6.5	9.5	2.0	5.5	14.5	7.0	10.0
31				8.5	3.5	6.0				14.0	6.0	9.5
MONTH	4.5	0.0	0.6	11.5	0.0	3.7	12.5	0.0	5.6	15.0	1.5	7.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY 1	MAX 14.0		MEAN	MAX 24.0		MEAN			MEAN			
1 2	14.0 14.5	JUNE 6.0 6.0	10.0	24.0 23.5	JULY 12.0 11.5	18.0 17.5		AUGUST			SEPTEMBE	PR
1 2 3	14.0 14.5 14.0	JUNE 6.0 6.0 5.5	10.0 10.0 10.0	24.0 23.5 23.5	JULY 12.0 11.5 11.5	18.0 17.5 17.5		AUGUST			SEPTEMBE	
1 2	14.0 14.5	JUNE 6.0 6.0	10.0	24.0 23.5	JULY 12.0 11.5	18.0 17.5		AUGUST			SEPTEMBE	PR
1 2 3 4 5	14.0 14.5 14.0 14.5 15.0	JUNE 6.0 6.0 5.5 6.0 5.5	10.0 10.0 10.0 10.0 10.5	24.0 23.5 23.5 24.0 24.0	JULY 12.0 11.5 11.5 12.0 12.0	18.0 17.5 17.5 18.0 18.0	 23.0 25.0	AUGUST 15.0 16.0	 19.0 20.0		SEPTEMBE	
1 2 3 4	14.0 14.5 14.0 14.5	JUNE 6.0 6.0 5.5 6.0	10.0 10.0 10.0 10.0	24.0 23.5 23.5 24.0	JULY 12.0 11.5 11.5 12.0 12.0	18.0 17.5 17.5 18.0	 23.0	AUGUST 15.0	 19.0		SEPTEMBE 	PR
1 2 3 4 5	14.0 14.5 14.0 14.5 15.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5	24.0 23.5 23.5 24.0 24.0 23.5 25.0 24.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0	18.0 17.5 17.5 18.0 18.0	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5	14.0 14.5 14.0 14.5 15.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0	10.0 10.0 10.0 10.0 10.5	24.0 23.5 23.5 24.0 24.0 23.5 25.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0	18.0 17.5 17.5 18.0 18.0	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9	14.0 14.5 14.0 14.5 15.0 16.5 15.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.7 6.5 8.0 7.5 9.0	10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0	24.0 23.5 23.5 24.0 24.0 23.5 25.0 24.0 25.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0	10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0	24.0 23.5 23.5 24.0 24.0 25.0 24.0 25.5 25.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10	14.0 14.5 14.0 14.5 15.0 16.5 15.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.7 6.5 8.0 7.5 9.0	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 12.5 13.0	24.0 23.5 23.5 24.0 24.0 23.5 25.0 24.0 25.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 19.5 20.0 20.5 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 9.5 8.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0	24.0 23.5 23.5 24.0 24.0 25.0 25.0 26.0 25.5 25.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 14.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 19.5 20.0 20.5 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10	14.0 14.5 14.0 14.5 15.0 16.0 16.5 17.5	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.0 9.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 12.5 13.0	24.0 23.5 23.5 24.0 24.0 25.0 24.0 25.5 25.0 26.0 26.0 25.0	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.5	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 19.5 20.0 20.5 19.5	23.0 25.0 24.0 24.0	15.0 16.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 16.5 17.5 16.5 19.0 18.0	JUNE 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 8.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 13.0 13.5 14.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 13.5 14.0 13.0 14.0 15.0 15.0 14.0 15.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.5 17.5 16.5 19.0 18.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 9.5 8.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5	24.0 23.5 23.5 24.0 24.0 25.0 25.0 26.0 26.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 15.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.0 20.5 19.5 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 16.5 17.5 16.5 19.0 18.0	JUNE 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 8.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 13.0 13.5 14.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 13.5 14.0 13.0 14.0 15.0 15.0 14.0 15.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.0 16.5 19.0 18.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.0 9.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5 15.0 16.0 15.5	24.0 23.5 23.5 24.0 24.0 23.5 25.0 24.0 25.5 25.0 26.0 26.0 25.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.5 15.0 14.0 15.0 16.5	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5 20.0 20.5	23.0 25.0 24.0 24.0	AUGUST 15.0 16.0 15.0	19.0 20.0 19.5 19.5		SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 17.5 19.0 18.0 20.5 21.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.0 9.5 8.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5 15.0 16.0 16.5 15.5 14.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5 27.0 26.5 26.5 26.5 26.5 27.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 18.5 17.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.5 19.5 20.5 19.5 20.5 20.5 20.5 20.5 21.0	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	 12.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 16.5 19.0 18.0 20.5 21.5 19.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 10.5 11.5 12.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 13.5 14.5 15.0 16.0 15.5 14.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.5 26.5 24.5 25.5 24.5 23.5 24.0 26.0 26.0	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 15.0 16.5 18.0 18.5 17.0 19.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.5 19.5 20.5 20.5 20.5 20.5 20.5 21.0	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5	 17.0	SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 17.5 19.0 18.0 20.5 21.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.0 9.5 8.5 10.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5 15.0 16.0 16.5 15.5 14.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5 27.0 26.5 26.5 26.5 26.5 27.0 26.5 26.5	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 18.5 17.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.5 19.5 20.5 19.5 20.5 20.5 20.5 20.5 21.0	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE	 12.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.5 19.0 18.0 20.5 21.5 19.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 10.5 11.5 11.5 12.5 10.5 8.0 8.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5 15.0 16.0 15.5 14.5	24.0 23.5 23.5 24.0 24.0 25.0 25.0 26.0 26.0 26.5 26.5 24.5 25.5 23.5 24.5 24.5 25.5 24.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 16.5 18.0 18.5	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.0 20.5 19.5 20.5 19.5 20.5 20.5 20.5 20.0 20.5 20.0 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5 	 17.0	SEPTEMBE	
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.0 16.5 19.0 18.0 20.5 21.5 19.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 9.5 8.5 10.5 11.5 12.5 10.5 8.6 8.7 8.7 8.7	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 14.5 15.0 15.5 14.5 15.5 14.5	24.0 23.5 23.5 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5 24.5 25.5 23.5 24.0 26.0 26.0 26.0 26.0	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 17.0 19.0 18.5 20.0	18.0 17.5 17.5 18.0 18.0 18.0 19.0 19.0 19.5 20.0 20.5 19.5 20.5 19.5 20.0 20.5 21.0 21.0 22.0 22.0 22.0	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5	 17.0 18.0 18.0 18.0	SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.0 16.5 19.0 18.0 20.5 21.5 20.0 17.0 17.5 19.5 20.0 17.5	JUNE 6.0 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.5 8.5 10.5 10.0 11.5 12.5 10.5 8.0 8.5 7.5 7.0	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 13.0 13.5 14.5 15.0 16.5 15.5 14.5	24.0 23.5 23.5 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5 26.5 24.5 23.5 23.5 24.0 26.0 26.0 27.0 26.0 27.0 26.0	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 17.0 19.0 18.5 17.0 19.0 18.5 17.0 19.0 19.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5 20.0 20.5 20.5 21.0 22.0 22.0 22.0 22.0 22.0 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE 8.0 8.5 9.0 9.0 9.5 10.0	
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 16.0 16.5 19.0 20.5 21.5 19.0 17.0 17.5 16.0 17.5 20.0 17.0	JUNE 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 10.5 11.5 12.5 10.5 8.5 7.5 9.0 8.5 11.5 11.5 12.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 13.5 14.5 15.0 16.0 15.5 14.5 12.0 12.0 10.5	24.0 23.5 24.0 24.0 24.0 25.5 25.0 26.0 26.5 26.5 24.5 25.5 23.5 24.0 26.0 27.0 26.0 27.0 23.5	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.0 18.5 17.0 19.0 18.5 20.0 19.0 18.5 20.0 17.0 16.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5 20.5 20.5 20.5 21.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5 		SEPTEMBE	12.0 12.5 13.0 13.0 13.0 14.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.0 16.5 19.0 18.0 20.5 21.5 20.0 17.0 17.5 19.5 20.0 17.5	JUNE 6.0 6.0 6.0 5.5 6.5 8.0 7.5 9.0 9.5 8.5 10.5 10.0 11.5 12.5 10.5 8.0 8.5 7.5 7.0	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 13.0 13.5 14.5 15.0 16.5 15.5 14.5	24.0 23.5 23.5 24.0 24.0 25.5 25.0 26.0 26.0 26.5 26.5 26.5 24.5 23.5 23.5 24.0 26.0 26.0 27.0 26.0 27.0 26.0	JULY 12.0 11.5 11.5 12.0 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 15.0 16.5 18.0 17.0 19.0 18.5 17.0 19.0 18.5 17.0 19.0 19.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.0 20.5 19.5 20.0 20.5 20.5 21.0 22.0 22.0 22.0 22.0 22.0 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 16.5	19.0 20.0 19.5 19.5		SEPTEMBE 8.0 8.5 9.0 9.0 9.5 10.0	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	14.0 14.5 14.0 14.5 15.0 16.5 15.0 16.5 17.5 17.5 16.5 19.0 18.0 20.5 21.5 19.5 20.0 17.0 17.5 16.0 16.0 13.5 18.5	JUNE 6.0 6.0 5.5 6.0 5.5 6.5 8.0 7.5 9.0 9.0 8.0 8.5 10.5 11.5 11.5 12.5 10.5 8.5 7.5 7.0 8.5 10.0 11.0 11.5	10.0 10.0 10.0 10.0 10.5 11.5 12.5 11.5 12.5 13.0 12.5 12.5 13.0 13.5 14.5 15.0 16.0 15.5 14.5 12.0 12.0 10.5	24.0 23.5 23.5 24.0 24.0 25.0 25.0 26.0 26.5 26.5 24.5 23.5 24.0 26.0 27.0 26.0 27.0 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	JULY 12.0 11.5 11.5 12.0 12.0 12.5 13.5 14.0 13.0 14.0 15.0 15.0 14.0 15.0 14.0 15.0 16.5 18.0 19.0 18.5 20.0 19.0 18.5 20.0 19.0 17.0	18.0 17.5 17.5 18.0 18.0 19.0 19.0 19.5 20.0 20.5 19.5 20.5	23.0 25.0 24.0 24.0 	AUGUST 15.0 16.0 15.0 16.5	19.0 20.0 19.5 19.5 		SEPTEMBE	12.0 12.5 13.0 13.0 14.0 14.0

10315500 MARYS RIVER ABOVE HOT SPRINGS CREEK, NEAR DEETH, NV

LOCATION.--Lat 41°15′10″, long 115°15′20″, in NE 1 / $_{4}$ SE 1 / $_{4}$ sec.24, T.39 N., R.59 E., Elko County, Hydrologic Unit 16040101, on right bank, 1 mi upstream from Hot Springs Creek, 7 mi north of Cross Ranch, and 13 mi north of Deeth.

DRAINAGE AREA.--415 mi².

PERIOD OF RECORD.--October 1943 to September 1980, October 1981 to current year. Prior to October 1950, published as "below Hot Springs Creek, near Deeth."

GAGE.--Water-stage recorder. Elevation of gage is 5,500 ft above NGVD of 1929, from river-profile map. Prior to November 3, 1950, at site 1.2 mi downstream at different datum. November 3, 1950, to September 30, 1967, water-stage recorder at datum 1.00 ft higher. October 1, 1967, to September 8, 1982, at site 200 ft downstream at datum 0.33 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Several diversions for irrigation above station. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,210 ft³/ s, February 12, 1962, gage height, 7.63 ft, from rating curve extended above 1,000 ft³/ s on basis of slope-area measurement of peak flow; no flow for part of each day August 27-30, September 2-5, 1967.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft³/ s and maximum (*):

		Date	Time	Discharge (ft ³ /s)	Gage height (ft)		Date Ti		arge Gage	height ft)		
		June 1	1345	*250	*4.04			eaks greater th	,	/		
		DISCH	IARGE, C	UBIC FEET P		WATER YE MEAN VA		2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	e3.0	4.4	8.7	24	e13	44	48	239	10	2.0	1.6
2	2.2	2.9	5.0	8.5	20	e13	52	42	210	9.2	2.3	1.6
3	2.2	2.5	5.1	8.8	17	e13	54	42	176	8.8	2.3	1.6
4	2.4	3.8	4.9	9.4	17	e13	52	46	148	8.2	2.1	1.6
5	2.2	4.8	4.9	10	e16	14	51	38	119	7.6	1.9	1.8
6	2.4	4.7	4.9	9.2	14	15	50	3 7	99	7.0	1.7	1.8
7	2.5	4.2	5.1	9.0	e14	15	49	3 3	8 0	6.3	1.7	1.7
8	2.8	3.7	5.0	8.6	e14	15	47	3 6	70	5.1	1.8	1.6
9	3.2	3.2	5.0	8.7	e14	14	46	40	61	4.3	1.7	1.6
10	3.3	3.1	5.8	9.9	15	14	45	42	56	3.7	1.6	1.7
11	3.3	3.1	5.8	11	16	14	47	4 5	48	3.1	1.6	1.7
12	3.5	3.1	6.5	12	19	14	53	5 0	42	2.8	1.6	1.5
13	3.6	3.1	6.5	12	19	15	65	51	37	2.5	1.6	1.3
14	3.8	3.1	7.3	13	18	16	75	52	32	2.4	1.5	1.4
15	3.9	3.3	7.5	14	20	19	75	61	29	2.4	1.6	1.2
16	3.8	3.4	7.5	12	18	24	64	77	27	2.3	1.7	1.5
17	3.8	3.6	7.9	13	17	27	57	104	25	2.4	1.5	1.6
18	3.9	3.4	6.7	13	17	27	52	114	23	2.4	1.5	1.5
19	4.0	3.4	e5.8	13	15	26	48	112	22	2.4	1.7	1.2
20	3.8	3.5	7.0	14	15	25	43	98	20	2.3	1.7	1.1
21	3.6	3.6	7.0	14	16	25	40	84	19	2.3	1.9	1.2
22	3.6	3.8	e6.4	15	17	26	44	84	19	2.3	2.4	1.3
23	3.4	4.5	e6.0	17	16	26	53	105	19	2.3	2.2	e1.5
24	3.4	4.3	e6.0	19	15	27	57	135	18	2.2	2.0	e1.5
25	3.3	4.2	e6.0	19	13	29	63	155	18	2.2	1.9	e1.5
26	3.4	4.1	6.6	19	14	3 0	65	174	17	2.2	1.7	e1.6
27	3.2	3.9	7.5	20	15	3 6	63	190	15	2.0	1.8	e1.6
28	3.3	3.8	7.8	20	e13	42	60	195	14	2.1	1.6	e1.6
29	3.4	4.2	e7.6	19		40	56	206	13	2.0	1.7	e1.7
3 0	e3.1	4.5	8.4	19		3 9	54	231	11	1.9	1.8	e1.7
31	e3.0		8.9	20		4 0		240		1.8	1.7	
TOTAL	99.8	109.8	196.8	418.8	458	706	1624	2967	1726	118.5	55.8	45.8
MEAN	3.22	3.66	6.35	13.5	16.4	22.8	54.1	95.7	57.5	3.82	1.80	1.53
MAX	4.0	4.8	8.9	20	24	42	75	240	239	10	2.4	1.8
MIN	2.2	2.5	4.4	8.5	13	13	4 0	33	11	1.8	1.5	1.1
AC-FT	198	218	390	831	908	1400	3220	5890	3420	235	111	91
STATIST		ONTHLY MEA		FOR WATER		- 2003	, BY WATER	R YEAR (W				
MEAN	5.79	11.2	14.9	19.4	35.8	74.9	170	244	154	25.9	4.27	2.77
MAX	30.4	35.0	41.9	70.4	226	316	515	868	555	154	42.3	20.3
(WY)	1985	1985	1984	1971	1962	1986	1952	1984	1984	1984	1984	1984
MIN	0.94	2.03	2.96	5.78	7.05	16.8	40.0	43.2	3.50	1.11	0.49	0.38
(WY)	1956	1993	2002	1955	1993	1977	1955	1992	1992	1961	1948	1955
	STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W		K	WATER YEAR	S 1944 -	- 2003
LOWEST I HIGHEST LOWEST I	MEAN ANNUAL M ANNUAL M DAILY M DAILY ME	EAN EAN AN Y MINIMUM					1.3	1	0 5	2690 0.20	Feb 12 Aug 20 Aug 29	1962 1944 1948
MAXIMUM ANNUAL 1 10 PERC1 50 PERC1	PEAK FL PEAK ST. RUNOFF (. ENT EXCE ENT EXCE	AGE AC-FT) EDS EDS		32480 184 7.3 2.8				04 Jun :			Feb 12	

e Estimated

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV

 $LOCATION.--Lat\ 41^{\circ}09'16'', long\ 115^{\circ}16'13'', in\ SW\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec. 25,\ T.38\ N.,\ R.59\ E.,\ Elko\ County,\ Hydrologic\ Unit\ 16040101,\ on\ right\ bank,\ 6\ mi\ north\ of\ Deeth.$

DRAINAGE AREA.--516 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,410 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 592 ft³/ s, March 18, 1993, gage height, 7.62 ft; no flow many days, most years. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 216 ft³/s, June 1, gage height, 5.54 ft; no flow many days.

		DISC	CHARGE, CU	BIC FEET PER		WATER Y	EAR OCTOBER :	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	4.3	11	24	19	50	70	208	16	0.00	0.00
2	0.00	0.00	5.3	9.7	27	25	63	66	206	12	0.00	0.00
3	0.00	0.00	6.2	13	28	17	63	65	173	10	0.00	0.00
4	0.00	0.00	7.4	13	e26	21	63	66	149	8.3	0.00	0.00
5	0.00	0.00	8.0	14	e25	21	60	74	131	6.9	0.00	0.00
6	0.00	0.00	7.8	14	e24	16	56	77	117	5.4	0.00	0.00
7	0.00	0.00	5.9	12	e23	19	55	77	104	4.0	0.00	0.00
8	0.00	0.24	6.8	13	e22	20	53	84	93	2.5	0.00	0.00
9	0.00	6.0	6.9	12	e21	20	51	87	86	0.92	0.00	0.00
10	0.00	4.3	5.6	12	e21	20	51	85	79	0.36	0.00	0.00
11	0.00	3.3	5.3	15	e21	20	55	86	73	0.08	0.00	0.00
12	0.00	3.2	6.4	18	22	20	60	88	69	0.03	0.00	0.00
13	0.00	3.0	11	17	23	21	66	86	65	0.01	0.00	0.00
14	0.00	3.1	8.4	18	25	22	75	87	58	0.00	0.00	0.00
15	0.00	2.0	9.9	18	25	25	80	88	54	0.00	0.00	0.00
16	0.00	1.8	13	20	25	37	76	94	47	0.00	0.00	0.00
17	0.00	1.8	11	17	25	41	71	105	42	0.00	0.00	0.00
18	0.00	1.7	13	17	25	42	66	121	39	0.00	0.00	0.00
19	0.00	1.6	11	15	27	41	63	126	35	0.00	0.00	0.00
20	0.00	1.7	8.4	15	20	4 0	61	124	34	0.00	0.00	0.00
21	0.00	2.6	8.7	16	19	3 7	59	116	35	0.00	0.00	0.00
22	0.00	2.8	9.0	16	21	37	60	109	34	0.00	0.00	0.00
23	0.00	3.0	e8.5	18	25	3 7	73	110	34	0.00	0.00	0.00
24	0.00	3.2	e8.0	21	25	3 7	70	122	34	0.00	0.00	0.00
25	0.00	3.5	e7.5	23	24	37	73	136	34	0.00	0.00	0.00
26	0.00	4.0	7.2	25	21	4 0	77	147	31	0.00	0.00	0.00
27	0.00	4.1	8.9	23	18	41	77	157	28	0.00	0.00	0.00
28	0.00	4.2	10	25	19	5 0	76	166	24	0.00	0.00	0.00
29	0.00	4.8	10	22		53	74	170	19	0.00	0.00	0.00
30	0.00	4.6	11	22		5 0	71	185	18	0.00	0.00	0.00
31	0.00		13	22		4 9		204		0.00	0.00	
TOTAL	0.00	70.54	263.4	526.7	651	975	1948	3378	2153	66.50	0.00	0.00
MEAN	0.000	2.35	8.50	17.0	23.2	31.5	64.9	109	71.8	2.15	0.000	0.000
MAX	0.00	6.0	13	2.5	28	53	8 0	204	208	16	0.00	0.00
MIN	0.00	0.00	4.3	9.7	18	16	50	65	18	0.00	0.00	0.00
AC-FT	0.00	140	522	1040	1290	1930	3860	6700	4270	132	0.00	0.00
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER YE	ARS 1992	- 2003	, BY WATER	YEAR (WY)				
MEAN	1.12	5.59	8.76	13.7	21.5	70.7	125	193	127	18.7	0.61	0.000
MAX	5.38	18.4	22.7	39.2	36.3	171	228	342	303	67.8	2.38	0.000
(WY)	1999	1999	1999	1997	1996	1993	1993	1998	1998	1998	1997	1992
MIN	0.000	0.17	1.81	4.19	5.25	29.3	41.4	36.3	1.90	0.000	0.000	0.000
(WY)	1992	2002	1993	1993	1993	2002	1992	1992	1992	2001	1992	1992
SUMMAR	Y STATIST	ICS	FOR	2002 CALENI	DAR YEAR		FOR 2003 WA	TER YEAR		WATER YEA	RS 1992	- 2003
ANNUAL	TOTAL			15376.21			10032.14					
ANNUAL	MEAN			42.1			27.5			48.8		
HIGHEST	T ANNUAL	MEAN								85.9		1997
	ANNUAL M									12.1		1992
HIGHES	T DAILY M	EAN		321	May 2		208	Jun 1			May 19	
	DAILY ME			0.00	Jul 21		0.00	Oct 1			0 Oct :	
ANNUAL	SEVEN-DA	MUMINIM Y		0.00	Jul 21			Oct 1			0 Oct :	L 1991
MAXIMU	M PEAK FL	WO						Jun 2		592		3 1993
MAXIMU	M PEAK ST	AGE					5.54	Jun 2			2 Mar 18	3 1993
ANNUAL	RUNOFF (AC-FT)		30500			19900			35350		
10 PERG	CENT EXCE	EDS		165			77			161		
	CENT EXCE			6.5			12			9.4		
90 PER	CENT EXCE	EDS		0.00			0.00			0.0	0	

e Estimated

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1992 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1992 to current year.

INSTRUMENTATION.--Water temperature recorder since June 1992, hourly.

 $REMARKS.--Records \ represent \ water \ temperature \ at \ probe \ within \ 0.5^{\circ}C. \ Interruptions \ in \ record \ due \ to \ periods \ of \ no \ flow \ or \ instrument \ malfunction (see Water-Discharge Records).$

EXTREMES FOR PERIOD OF DAILY RECORD.-- WATER TEMPERATURE: Maximum recorded, 28.0°C, July 13, 1996; minimum recorded, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR .--

MONTH

WATER TEMPERATURE: Maximum recorded during periods of flow, presumably not measured during period of instrument malfunction; minimum recorded, freezing point many days November to March.

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NC	VEMBER		DI	ECEMBER			JANUARY	
1							1.5	0.0	0.5			
2							2.0	0.0	0.5			
3							0.5	0.0	0.0			
4							0.0	0.0	0.0			
5							0.0	0.0	0.0			
6							0.0	0.0	0.0			
7							0.0	0.0	0.0			
8							0.0	0.0	0.0			
9							0.0	0.0	0.0			
10							0.0	0.0	0.0	0.5	0.0	0.0
11										0.5	0.0	0.0
12										0.5	0.0	0.0
13										0.5	0.0	0.0
14				4.0	0.0	2.0				0.5	0.0	0.0
15				3.0	0.0	2.0				0.5	0.5	0.5
16				3.0	0.0	1.5				0.5	0.5	0.5
17				3.0	0.0	1.0				0.5	0.0	0.5
18				1.5	0.0	0.5				0.5	0.0	0.5
19				2.5	0.0	1.0				0.5	0.0	0.0
20				3.0	0.0	2.0				0.5	0.0	0.5
21				4.0	0.5	2.5				0.5	0.0	0.0
22				3.5	0.5	2.5				0.5	0.0	0.0
23				4.0	1.5	3.0				0.5	0.0	0.5
24				2.5	0.0	1.5				0.5	0.0	0.5
25				1.0	0.0	0.0				1.5	0.0	1.0
26				0.5	0.0	0.0				2.0	0.0	1.0
27				0.0	0.0	0.0				3.0	0.5	1.5
28				0.5	0.0	0.0				3.5	1.0	2.0
29				0.5	0.0	0.0				3.5	0.5	1.5
3 0				1.0	0.0	0.0				4.0	1.0	2.5
31										5.5	2.0	3.5

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.5	2.5	3.5	3.0	0.0	1.5	9.5	8.0	8.5	12.5		10.5
2	3.0 1.5	0.5	1.5 0.5	3.0 3.5	0.0	1.0	9.0 7.5	6.5 5.0	7.5 6.0	12.0 12.0	9.5 10.0	11.0 11.0
4 5	0.0	0.0	0.0	2.5	0.0	1.0 1.5	7.5 7.0	5.0 5.0	6.0 6.0	10.5	9.0 8.0	10.0
6 7	0.0	0.0	0.0	4.0 6.0	1.0 1.5	2.5 3.5	7.0 9.5	4.5 3.5	5.5 6.5	10.5 11.0	7.5 8.5	9.5 10.0
8	0.0	0.0	0.0	7.5	1.5	4.5	11.5	5.5	8.5	10.0	7.5	9.0
9 10	0.0	0.0	0.0	6.5 7.5	2.0	4.5 5.5	13.5 14.0	7.5 9.0	10.5 11.5	10.0 12.5		8.0 10.0
11 12	0.0	0.0	0.0	9.5 11.0	3.0 4.0	6.0 7.0	15.0 14.5	10.0 11.0	12.5 12.5	13.5 15.0	9.0 11.5	11.5 13.0
13	1.0	0.0	0.5	11.0	4.5	8.0	14.0	10.5	12.5	16.5		14.0
14 15	2.5 4.0	0.0	1.0 1.5	12.0 9.5	6.5 5.5	9.0 7.5	12.0	8.5 7.0	10.0 8.5	18.0 18.0	13.5 14.5	16.0 16.5
16	4.0	0.5	2.0	9.5	4.0	6.5	9.5	7.0	8.5	18.0	14.0	16.0
17	3.5	0.0	1.5	7.5	4.5	6.0	10.0	7.5	8.5	16.5	13.5	15.0
18 19	3.0	0.0	1.0	8.0 9.0	3.5 4.0	5.5 6.0	10.0 12.0	7.5 6.0	8.5 9.0	16.0 15.0	12.5 10.5	14.0 13.0
20	4.5	0.0	2.0	7.0	4.0	5.5	12.5	8.0	10.5	16.5	11.0	14.0
21	5.5	0.0	2.5	8.5	3.0	5.5	11.0	9.5	10.5	18.0	13.0	15.5
22	3.5	0.5	2.0	8.5	5.5	7.0	11.0	8.5	10.0	20.0	15.0	17.5
23 24	4.5	0.0	1.5 0.5	8.5 10.0	6.0 6.0	7.0 7.5	10.0 13.5	8.0 8.0	9.0 10.5	21.0 20.0	16.5 17.0	18.5 18.5
25	2.5	0.0	1.0	10.5	5.0	7.5	13.0	10.0	11.5	19.5	16.0	18.0
26	2.5	0.0	1.0	8.5	6.0	7.5	12.5	9.0	10.5	19.5	16.0	18.0
27	4.0	0.0	1.5	9.0	4.5	6.5	13.0	8.5	11.0	21.0	15.5	18.5
28 29	1.5	0.0	0.5	8.0 9.5	4.0	6.0 6.5	14.0 12.0	10.0	12.0 11.0	22.0 22.5	17.0 18.0	19.5 20.5
30				11.5	5.5	8.5	12.0	9.0	10.5	22.5	18.5	20.5
31				10.5	7.5	9.0				21.5	17.5	19.5
MONTH	5.5	0.0	0.9	12.0	0.0	5.6	15.0	3.5	9.5	22.5	6.0	14.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	
DAY 1	MAX 21.5		MEAN	MAX		MEAN			MEAN	MAX 		
1 2	21.5 21.0	JUNE 17.0 17.0	19.5 19.0		JULY 			AUGUST 			SEPTEMBE	⊆R
1 2 3	21.5 21.0 20.0	JUNE 17.0 17.0 16.0	19.5 19.0 18.0		JULY 	 		AUGUST	 		SEPTEMBE	
1 2	21.5 21.0	JUNE 17.0 17.0	19.5 19.0		JULY 			AUGUST 			SEPTEMBE	⊆R
1 2 3 4	21.5 21.0 20.0 20.0	JUNE 17.0 17.0 16.0 16.0	19.5 19.0 18.0 18.0		JULY 			AUGUST			SEPTEMBE	
1 2 3 4 5	21.5 21.0 20.0 20.0 19.5	JUNE 17.0 17.0 16.0 16.0 15.5	19.5 19.0 18.0 18.0 17.5		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0	JUNE 17.0 17.0 16.0 16.0 15.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8	21.5 21.0 20.0 20.0 19.5	JUNE 17.0 17.0 16.0 16.0 15.5	19.5 19.0 18.0 18.0 17.5		JULY		 	AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 17.0	19.5 19.0 18.0 17.5 18.0 19.0 19.0 18.5 19.0		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 20.5 20.5	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 17.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0		JULY		 	AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 20.5 21.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.5 16.5 17.0 16.5 16.5 17.0 16.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 20.5 20.5	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 17.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0		JULY		 	AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 20.5 21.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.5 17.0 17.0 16.5 17.0 16.5 16.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 21.0 20.5 20.5 19.5 20.5 21.0 20.5 21.0 21.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 16.5 17.0 17.0 16.5 16.5 17.0 17.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 20.5 21.0 20.5 21.0 20.5 21.0 20.5 21.0 20.5	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 16.5 17.0 17.0 16.5 16.0 17.5 16.0 17.5 18.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 17.5 18.0 19.0		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 21.0 20.5 20.5 19.5 20.5 21.0 20.5 21.0 21.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 16.5 17.0 17.0 16.5 16.5 17.0 17.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 21.0 22.0 23.0 24.0 23.0 24.0 23.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.5 16.5 17.0 16.5 16.5 17.0 17.0 16.5 17.5 18.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 21.0 22.0 23.0 24.0 23.0 24.0 22.0	JUNE 17.0 17.0 16.0 16.0 16.5 16.5 17.0 17.0 16.5 16.5 17.0 17.0 16.5 17.5 18.5 18.5 18.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 20.0 20.5 20.0 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	
1 2 3 4 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 20.5 21.0 22.0 23.0 24.0 23.0 24.0 22.0	JUNE 17.0 17.0 16.0 16.0 16.5 16.5 17.0 16.5 16.5 17.0 16.5 17.0 16.5 17.5 18.5 18.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 19.0 20.0 20.5 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 22.0 23.0 24.0 23.0 22.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 16.5 17.0 17.0 16.5 16.0 17.0 16.5 17.5 18.5 18.5 18.5	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0 20.5 20.5 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	21.5 21.0 20.0 20.0 19.5 20.5 21.0 20.0 21.0 21.0 22.0 23.0 22.0 23.0 22.0	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 17.0 17.0 16.5 17.0 17.0 16.5 17.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 22.0 23.0 24.0 23.0 22.0 20.5	JUNE 17.0 17.0 16.0 16.0 16.5 16.5 17.0 16.5 16.0 17.0 16.5 17.5 18.0 17.5 18.5 18.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 20.0 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 22.0 23.0 22.0 23.0 24.0 23.0 20.5	JUNE 17.0 17.0 16.0 16.0 15.5 16.0 16.5 17.0 17.0 16.5 17.0 17.0 16.5 17.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 18.5 18.0 17.5 18.0 19.0 20.5 20.5 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	21.5 21.0 20.0 20.0 19.5 20.5 21.0 21.0 21.0 21.0 22.0 23.0 24.0 23.0 24.0 22.0	JUNE 17.0 17.0 16.0 16.0 16.5 16.5 17.0 17.0 16.5 16.5 17.0 17.0 16.5 17.5 18.5 17.5 18.5 18.5 18.0 17.0	19.5 19.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 20.5 20.0 20.5 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	
1 2 3 4 4 5 5 6 7 8 8 9 10 0 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	21.5 21.0 20.0 20.0 20.0 21.0 21.0 21.0 21.0	JUNE 17.0 17.0 16.0 16.0 16.5 16.5 17.0 17.0 16.5 16.5 17.0 17.0 16.5 17.5 18.5 18.5 17.0 17.0	19.5 19.0 18.0 18.0 17.5 18.0 19.0 18.5 19.0 19.0 20.0 20.5 20.5 20.0 18.5		JULY			AUGUST			SEPTEMBE	CR

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV

 $LOCATION.--Lat\ 40^{\circ}41^{\circ}27^{"},\ long\ 115^{\circ}28^{\circ}34^{"},\ in\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ NE\ ^{1}.$ R.58 E., Elko County, Hydrologic Unit 16040101, in Humboldt National Forest, at mouth of canyon, on right bank, 100 ft upstream from McDermott ditch diversion, and 3 mi south of Lamoille.

DRAINAGE AREA.--24.9 mi².

PERIOD OF RECORD.--May 1915 to May 1923, October 1943 to current year.

REVISED RECORDS .-- WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,240 ft above NGVD of 1929, from topographic map. Prior to September 30, 1943, nonrecording gages at various sites nearby at different datums. October 1, 1943 to January 16, 1975, water-stage recorder at site 600 ft downstream at datum 4.28 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 838 ft³/ s, June 3, 1986, gage height, 6.08 ft, maximum gage height, 6.11 ft, June 3, 1995; minimum daily, 1.5 ft³/ s, January 12, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge at 310 ft³/ s and maximum(*):

				Discharge	Gage height	t			ge Gage	height		
		Date	Time	(ft^3/s)	(ft)		Date T	Time (ft ³ /	s) (ft)		
		May 30		*792	*5.40			peaks greater than				
						WATER		ER 2002 TO				
			,				VALUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	e3.0	3.4	e3.2	5.3	e4.7	7.2	30	390	70	12	5.8
2	3.5	e3.2	3.3	e3.2	5.0	e4.3		31	362	56	13	5.3
3	3.4	e3.4	e3.1	3.5	e4.8	e4.3	7.6	33	350	51	16	5.3
4	3.5	4.1	e3.2	3.4	e4.3	e4.1	7.4	34	335	48	13	5.6
5	3.5	3.6	e3.2	3.5	e4.1	e4.0	7.5	33	293	44	11	5.6
6	3.4	3.3	e3.1	e3.2	e4.0	4.5	7.5	33	279	41	10	5.2
7	3.4	3.4	e3.0	e3.2	e4.0	4.4		34	286	39	9.8	5.0
8	3.4	5.8	e3.0	e3.2	e4.0	4.5	7.7	36	298	3 7	9.4	4.9
9	3.3	4.9	e3.0	e3.2	e4.3	4.4	8.3	34	291	33	8.9	5.2
10	3.3	3.9	e3.0	3.6	e4.6	4.5	9.0	34	274	31	8.4	5.5
11	3.4	3.6	3.3	3.5	e5.0	4.8	10	35	245	3 0	8.0	5.1
12	3.4	3.6	3.2	3.5	5.1	4.9		38	225	28	7.6	4.9
13	3.5	3.7	3.2	3.5	5.3	5.2		47	215	26	7.3	4.9
14	3.5	3.6	3.3	3.5	5.0	5.6		63	213	24	7.0	4.8
15	3.5	3.5	3.4	3.5	4.8	6.3		86	214	22	6.8	4.6
16	3.5	3.4	3.6	e3.2	e4.8	6.1		103	215	21	6.7	4.4
17	3.5	3.4	4.0	e3.2	e4.8	5.8		112	204	20	6.4	4.7
18	3.5	e3.2	3.8	e3.2	e4.8	5.7		e119	196	19	6.4	4.7
19	3.4	3.4	e3.4	e3.2	e5.0	5.6		e127	176	19	5.9	4.7
20	3.4	3.5	e3.6	e3.2	4.9	5.8	16	e134	156	18	5.8	4.5
21	3.4	3.4	3.9	e3.2	4.9	5.7	18	141	136	17	6.8	4.4
22	3.4	3.4	3.6	3.5	4.9	5.8	19	174	119	16	11	4.3
23	3.5	3.5	e3.1	3.7	e5.0	6.1	. 22	243	106	15	8.4	4.2
24	3.4	3.5	e2.9	3.9	e5.2	6.0	22	320	98	15	7.3	4.2
25	3.4	e3.1	e2.9	3.7	e5.0	6.0	27	356	81	22	6.9	4.1
26	3.4	e3.1	e2.9	3.7	e4.8	7.2	29	339	80	21	6.8	4.1
27	3.3	e3.1	e3.2	4.9	e5.0	6.7		369	97	18	6.6	4.1
28	3.3	e3.1	3.5	5.0	e4.8	6.4		521	89	16	6.2	4.1
29	3.2	e3.1	3.4	4.3		6.2		573	90	15	6.0	4.0
30	3.2	e3.1	3.3	4.4		6.4		626	87	13	5.8	4.0
31	e3.0		3.4	4.7		6.7		473		13	5.6	
moma r	105.3	105.0	100 0	111 7	122 5	160 0	101 0	5221	6000	0.5.0	0.5.6.0	140.0
TOTAL MEAN	105.3 3.40	105.9 3.53	102.2	111.7	133.5 4.77	168.7 5.44		5331	6200 207	858 27.7	256.8 8.28	142.2
				3.60				172				
MAX	3.5	5.8	4.0	5.0	5.3	7.2		626	390	70	16 5.6	5.8
MIN AC-FT	3.0 209	3.0 210	2.9	3.2 222	4.0 265	335		30 10570	80	13 1700	5.6	4.0 282
AC-FI	209	210	203	222	200	333	360	10370	12300	1700	309	202
STATIST	rics of M	ONTHLY MEA	N DATA FO	OR WATER Y	EARS 1915	- 200	3, BY WATE	R YEAR (WY)				
MEAN	7.41	6.34	5.48	5.12	5.32	7.90	26.4	143	215	84.2	17.2	7.98
MAX	49.1	29.4	17.5	12.9	12.4	20.0	71.4	303	396	203	65.1	42.4
(WY)	1983	1983	1983	1997	1971	1989	1989	1997	1997	1975	1984	1982
MIN	2.61	2.68	2.60	2.00	2.18	3.06	5.37	48.2	44.9	14.4	4.39	3.07
(WY)	2002	2002	1988	1917	2001	1955	1955	1953	1992	2001	2001	2001
SUMMAR	Y STATIST	ICS	FOR 2				FOR 2003	WATER YEAR		WATER YEAR	S 1915	- 2003
ANNUAL	TOTAL			14542.7			13999.	. 5				
ANNUAL	MEAN			39.8			38.	. 4		44.7		
HIGHES	r annual i	MEAN								77.7		1997
LOWEST	ANNUAL M	EAN								20.5		1959
HIGHEST	r daily M	EAN		365	Jun 1		626	May 30		693	May 3	0 1983
	DAILY ME			2.1	Jun 1 Jan 5		2.	May 30 9 Dec 24 1 Dec 4		693 1.5 1.7	Jan 1	2 1963
		Y MINIMUM		2.2	Jan 13		3.	1 Dec 4		1.7	Feb 1	1 2001
	M PEAK FL						792	May 30		838 6.11	Jun :	3 1986
	M PEAK ST						5.	40 May 30		6.11	. Jun	3 1995
	RUNOFF (28850			27770			32360		
	CENT EXCE			158			115			156		
	CENT EXCE			3.8			5.			8.3		
90 PER	CENT EXCE	EDS		2.9			3.	. 2		3.5		

e Estimated

10317500 NORTH FORK HUMBOLDT RIVER AT DEVILS GATE, NEAR HALLECK, NV

LOCATION.—Lat $41^{\circ}10^{\circ}38^{\circ}$, long $115^{\circ}29^{\circ}29^{\circ}$, in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.13, T.38 N., R.57 E., Elko County, Hydrologic Unit 16040102, on right bank, 0.4 miles downstream of Devils Gate, 16 mi north of Halleck, and 26 mi upstream of mouth.

DRAINAGE AREA.--830 mi².

PERIOD OF RECORD.--October 1913 to December 1921, October 1943 to September 1982, June 2002 to current year.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,370 ft above NGVD of 1929, from topographic map. Prior to reestablishment in June 2002, gage at several sites and different datums within 0.1 mi upstream from present location. See WDR NV-82-1 for history of changes prior to June 2002.

REMARKS.--Records good except for estimated daily discharges, which are poor. Many diversions for irrigation of 16,600 acres above station. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,400 ft³/ s, February 11, 1962, gage height, 16.12 ft, datum then in use; minimum daily, 2.0 ft³/s, August 14-16, 19, 20, 22, 1948 and July 28, 29, August 17, 1959.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 108 ft³/s, May 10, gage height, 13.17 ft; minimum daily, 2.6 ft³/s, August 16-18, 20.

DAY	LATKEN.	ILS FOR C									ually, 2.0 It	s, August 1	0-16, 20.
1			DISC	HARGE, CUE	BIC FEET P				2002 TO S	EPTEMBER	2003		
2 9.6 e12 16 e18 40 e21 49 43 96 7.0 4.0 8.4 4 9.8 e12 e16 e18 40 e21 49 43 96 7.0 4.0 8.4 4 9.8 e12 e16 e17 e28 e21 43 47 73 6.4 6.6 7.9 5 10 e12 e16 e16 e27 22 44 49 53 6.0 5.1 9.0 7 9.8 12 e16 e16 e27 22 44 49 53 6.0 5.1 9.0 8 9.7 10 e15 e16 e27 22 30 49 43 5.0 4.1 8.8 8 9.7 10 e15 e16 e27 22 30 49 49 53 6.0 5.1 9.0 8 9.7 10 e15 e16 e27 22 30 49 49 45 5.0 4.1 8.2 9 9.7 10 e15 e16 e27 22 40 94 60 5.0 4.1 8.2 10 10 17 e15 20 e27 22 40 94 60 5.0 4.1 3.6 8.2 11 10 17 e15 20 e27 22 40 94 60 5.2 3.4 9.2 12 10 16 15 20 e27 22 41 80 24 5.0 3.1 9.2 13 11 16 16 15 20 27 22 41 80 24 5.0 3.1 9.2 15 11 15 17 22 32 29 54 54 50 20 4.6 2.7 8.6 16 11 16 16 23 31 31 54 50 20 4.6 2.6 8.7 17 18 11 15 17 22 32 29 54 54 41 44 4.6 2.7 8.6 18 17 18 18 60 60 60 60 60 60 60 6	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2	1	9.8	e12	17	e18	38	e21	43	50	82	7.6	3.4	8.5
1	2	9.6	e12	16	e18	40	e21	49	43	96	7.0	4.0	
S	3	9.5	e12	e16	18	34	e21	47	42	89	6.7		
6 10 e12 e16 e16 e27 22 44 4 49 53 6.0 5.1 9.0 7 9.8 122 e16 e16 e27 22 44 14 49 53 6.0 5.1 9.0 8 9.7 18 e15 e16 e16 e27 22 44 14 49 48 5.7 4.7 8.8 8 8 9.7 18 e15 e16 e27 22 30 49 63 37 5.5 3.9 8.4 8.8 9.7 18 9 9.7 18 e15 e16 e27 22 30 49 63 37 5.5 3.9 8.4 8.8 9.7 18 9 9.7 18 e15 e16 e27 22 44 62 30 47 5.5 3.9 8.4 8.8 9.7 18 9 9.7 18 e15 e16 e27 22 44 62 68 23 4.7 5.5 3.9 8.4 8.8 9.7 18 9 9.7 18 9 9.7 18 9 9.7 18 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4	9.8	e12	e16	e17	e28	e21	43	47	73	6.4	6.6	7.9
8 9.7 18 e15 e16 e26	5	10	e12	e16	e16	e27	21	44	49	59	6.2	5.7	8.3
8 9.77 18 e15 e16 e27 122 39 49 43 5.6 4.3 5.6 8.2 9 9.7 21 e15 e16 e27 222 40 63 37 5.5 5.5 3.3 8.4 10 10 10 10 19 e15 19 e27 22 39 99 30 5.4 3.6 8.9 11 11 10 17 e15 20 e27 22 40 8.9 30 5.4 3.6 8.9 11 11 10 17 e15 20 e27 22 40 8.9 30 5.4 3.6 8.9 11 11 10 17 e15 20 e27 22 40 8.9 30 5.4 3.6 8.9 11 11 10 16 15 20 827 22 40 8.9 34 5.0 3.3 8.2 11 11 11 16 13 20 20 27 22 40 8.6 8.9 11 11 15 16 17 221 28 27 48 59 21 4.8 2.9 8.3 3.8 2.2 11 11 15 17 22 22 22 29 54 54 21 4.8 2.9 8.6 8.9 11 11 15 16 18 20 30 30 32 51 47 18 4.8 2.6 8.7 17 11 18 18 18 620 27 31 47 18 4.8 2.6 8.7 17 11 18 18 8 620 27 31 47 48 16 4.8 2.6 8.7 19 11 11 18 e18 620 27 31 47 48 16 4.8 2.6 8.7 19 11 15 e18 620 623 27 41 44 14 14 14 4.6 2.7 8.0 20 11 15 e18 620 623 27 41 44 14 11 4.6 2.7 8.0 20 11 15 e18 620 623 27 41 44 14 11 4.6 2.7 8.0 20 11 15 e18 620 623 27 41 44 14 11 4.6 2.7 8.0 20 11 15 e18 620 623 27 41 44 44 11 4.6 2.7 8.0 20 11 15 e18 620 623 27 41 44 44 11 4.6 2.7 8.0 20 12 12 16 e18 21 621 22 6 41 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 4.1 6.7 8.9 23 12 12 16 e18 21 621 22 6 44 28 11 6.1 6.1 8.7 8.9 25 12 6 6 6 618 23 621 22 6 44 28 11 6.1 6.1 8.7 8.9 8.6 8.7 8.9 8.6 8.7 8.9 8.9 8.6 8.9 8.6 8.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0													
9 9.7 21 e15 e16 e27 22 40 63 37 5.5 3.9 8.4 10 10 10 19 e15 19 e27 21 39 99 30 5.5 3.4 3.6 8.9 11 1 10 17 e15 20 e27 22 40 94 26 5.2 3.4 9.2 112 10 16 15 20 27 22 41 80 24 5.0 3.3 9.2 113 10 16 15 20 27 22 41 80 24 5.0 3.3 9.2 114 11 10 16 15 20 27 22 41 80 24 5.0 3.3 9.2 115 11 15 17 22 22 22 41 80 24 5.0 3.3 9.2 116 11 16 16 13 23 27 24 42 42 68 23 4.8 2.9 4.8 2.9 6.6 116 11 16 16 21 31 31 54 59 21 4.8 2.9 6.6 117 11 16 18 20 30 32 29 54 59 21 4.8 2.9 6.6 118 11 15 18 e18 e20 25 28 45 40 4 6 6 2.6 8.7 119 11 15 e18 e20 27 111 47 45 16 4.6 2.6 8.7 119 11 15 e18 e20 23 27 41 42 13 4.8 2.6 8.7 120 11 15 e18 e20 27 21 24 24 24 24 24 24 24 24 24 24 24 24 24													
10													
11													
12	10	10	19	e15	19	e27	21	39	99	30	5.4	3.6	8.9
13	11	10	17	e15	20	e27	22	40	94	26	5.2	3.4	9.2
14	12	10	16	15	20	27	22	41	8 0	24	5.0	3.3	9.2
16	13	10	16	13	21	27	24	42	68	23	4.9	3.1	8.7
16	14	11	16	17	21	28	27	48	59	21	4.8	2.9	8.6
17	15	11	15	17	22	32	29	54	54	21	4.6	2.7	8.6
18													
11													
11										16			
1													
12	20	11	15	e18	e20	e23	27	41	42	13	4.7	2.6	9.0
12	21	12	16	e18	e20	e21	27	33	3 9	12	4.5	3.7	8.9
1	22	12	16	e18	e20	e21	26	34	33	11	5.3	5.8	9.0
1	23	12	16	e18	21	e21	26	41	28	11	4.1	6.7	8.9
26 12 e16 e18 25 e21 28 39 21 13 55.9 8.3 8.5 27 12 e15 e20 26 e21 35 42 26 11 5.1 8.1 8.7 28 12 e15 e20 26 e21 35 42 38 10 4.2 8.1 8.7 29 12 e15 19 29 46 49 44 45 9.3 3.7 8.5 8.7 30 12 15 e19 29 46 49 58 8.3 3.4 8.3 3.4 8.3 8.8 31 e12 19 33 43 69 3.3 8.4 8.7 3.3 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8	24	12	16	e18	21	e21	26	44	24	13	4.0	8.1	8.9
12	25	12	e16	e18	23	e21	25	43	22	14	5.8	8.2	8.6
12	26	12	e16	e18	25	e21	28	39	21	13	5.9	8.3	8.5
12	27	12	e15	e20	26	e21	35	42	26	11	5.1	8.1	8.7
30	28	12	e15	e22	29	e21	55	42	38	10	4.2	8.1	8.7
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 10.9 15.3 17.1 21.0 26.7 28.2 43.4 49.2 30.6 5.14 5.20 8.69	29	12	e15	19	29		49	44	45	9.3	3.7	8.5	8.7
TOTAL 336.9 458 530 651 747 875 1303 1526 918.6 159.2 161.2 260.8 MEAN 10.9 15.3 17.1 21.0 26.7 28.2 43.4 49.2 30.6 5.14 5.20 8.69 MAX 12 21 22 33 40 55 54 99 96 7.6 9.2 9.2 MLN 9.5 12 13 16 21 21 33 21 83.3 3.2 1.8 3.3 3.2 6.7 9.9 CFT 668 908 1050 1290 1480 1740 2580 3030 1820 316 320 517 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1975 1965 1982 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR ADMIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR YEAR YEAR 1915 13.2 1955 HIGHEST ANNUAL MEAN 21.7 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR YEAR WATER YEAR 1914 - 2003 ANNUAL MEAN 22.6 AUG 16	3 0	12	15	e19	29		46	49	58	8.3	3.4	8.3	8.8
MEAN 10.9 15.3 17.1 21.0 26.7 28.2 43.4 49.2 30.6 5.14 5.20 8.69 MAX 12 21 22 33 40 55 54 99 96 7.6 9.2 9.2 9.2 MAX 12 21 23 31.6 621 21 23 32 21 8.3 3.3 2.6 7.9 AC-FT 668 908 1050 1290 1480 1740 2580 3030 1820 316 320 517 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 1948 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 1948	31	e12		19	33		43		69		3.3	8.4	
MAX 12 21 22 33 40 55 54 99 96 7.6 9.2 9.2 MIN 9.5 12 13 16 21 21 33 21 8.3 3.3 2.6 7.9 AC-FT 668 908 1050 1290 1480 1740 2580 3030 1820 316 320 517 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR YEAR YEAR YEAR YEAR YEAR YEAR YE	TOTAL	336.9	458	530	651	747	875	1303	1526	918.6	159.2	161.2	260.8
MIN 9.5 12 13 16 21 21 33 21 8.3 3.3 2.6 7.9 AC-FT 668 908 1050 1290 1480 1740 2580 3030 1820 316 320 517 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR HIGHEST ANNUAL MEAN 199 May 10 3850 Feb 12 1952 LOWEST ANNUAL MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 ANNUAL REAN 2.7 Aug 14 ANNUAL REAN 2.7 Aug 14 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 ANNUAL REAN 2.7 Aug 14 ANNUAL REAN 2.7 Aug 14 ANNUAL REAN 3.1.1 Aug 10 2003 ANNUAL REAN 5.1 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 5.2 Aug 14 ANNUAL SEVEN-DAY MINIMUM 5.2 Aug 14 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 720	MEAN	10.9	15.3	17.1	21.0	26.7	28.2	43.4	49.2	30.6	5.14	5.20	8.69
AC-FT 668 908 1050 1290 1480 1740 2580 3030 1820 316 320 517 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 ANNUAL MEAN 21.7 73.8 HIGHEST ANNUAL MEAN 99 May 10 73.8 HIGHEST ANNUAL MEAN 99 May 10 3850 Feb 12 1962 LOWEST ANNUAL MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK STAGE 13.17 May 10 108 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45	MAX	12	21	22	33	4 0	55	54	99	96	7.6	9.2	9.2
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY) MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57	MIN	9.5	12	13	16	21	21	33	21	8.3	3.3	2.6	7.9
MEAN 12.3 17.3 20.3 37.6 66.9 134 222 195 133 29.4 9.30 8.57 MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 ANNUAL MEAN 21.7 73.8 HIGHEST ANNUAL MEAN 198 1952 LOWEST ANNUAL MEAN 99 May 10 13.2 1955 LOWEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 MAXIMUM PEAK STAGE 13.17 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 108 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 50 PERCENT EXCEEDS 17	AC-FT	668	908	1050	1290	1480	1740	2580	3030	1820	316	320	517
MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 73.8 HIGHEST ANNUAL MEAN 198 198 198 198 1952 198 198 198 198 198 198 198 198 198 199 198 198	STATIST	rics of Mo	ONTHLY MEA	AN DATA FO	OR WATER	YEARS 191	4 - 2003,	BY WATER	YEAR (WY)			
MAX 21.8 31.1 58.0 241 434 513 1046 732 390 136 36.4 24.6 (WY) 1973 1971 1965 1971 1962 1972 1952 1952 1975 1975 1965 1982 MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 73.8 HIGHEST ANNUAL MEAN 198 198 198 198 1952 198 198 198 198 198 198 198 198 198 199 198 198	MEAN	12.3	17.3	20.3	37.6	66.9	134	222	195	133	29.4	9.30	8.57
MY													
MIN 6.90 7.56 7.39 8.90 11.4 18.5 25.6 9.60 6.06 3.38 2.75 3.50 (WY) 1949 1962 1977 1977 1955 1981 1968 1968 1966 1959 1948 1919 SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 73.8 1918 1988 1988 1988 1988 1988 1988 19													
SUMMARY STATISTICS FOR 2003 WATER YEAR WATER YEARS 1914 - 2003 ANNUAL TOTAL 7926.7 ANNUAL MEAN 21.7 73.8 HIGHEST ANNUAL MEAN 198 1952 LOWEST ANNUAL MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20		6.90	7.56	7.39	8.90		18.5	25.6	9.60	6.06	3.38	2.75	3.50
ANNUAL TOTAL 7926.7 ANNUAL MEAN 21.7 73.8 HIGHEST ANNUAL MEAN 198 1952 LOWEST ANNUAL MEAN 13.2 1955 HIGHEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20 20 20 20 20 20 20 20 20 20 20 20 20	(WY)	1949	1962	1977	1977	1955	1981	1968	1968	1966	1959	1948	1919
ANNUAL MEAN HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST DAILY MEAN BY May 10 BY	SUMMARY	Y STATIST	ICS			FOR 2	003 WATER	R YEAR			WATER YEA	RS 1914 -	2003
ANNUAL MEAN HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST DAILY MEAN BY May 10 BY	ANNUAT	TOTAL				79	26.7						
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST ANNUAL MEAN 13.2 1955 HIGHEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 MAXIMUM PEAK FLOW 108 May 10 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 53450 ANNUAL RUNOFF (AC-FT) 15 PERCENT EXCEEDS 45 92 17											73.8		
LOWEST ANNUAL MEAN HIGHEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS			MEAN										1952
HIGHEST DAILY MEAN 99 May 10 3850 Feb 12 1962 LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20 20													
LOWEST DAILY MEAN 2.6 Aug 16 2.0 Aug 14 1948 ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20							99 M	lav 10					
ANNUAL SEVEN-DAY MINIMUM 2.7 Aug 14 2.1 Aug 14 1948 MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20													
MAXIMUM PEAK FLOW 108 May 10 108 May 10 2003 MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20													
MAXIMUM PEAK STAGE 13.17 May 10 13.17 May 10 2003 ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20						1							
ANNUAL RUNOFF (AC-FT) 15720 53450 10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20												-	
10 PERCENT EXCEEDS 45 223 50 PERCENT EXCEEDS 17 20								•					
50 PERCENT EXCEEDS 17 20			. ,										
	90 PERG	CENT EXCE	EDS				5.3				6.5		

e Estimated

10318500 HUMBOLDT RIVER NEAR ELKO, NV

LOCATION.--Lat 40°56′10", long 115°37′25", in SE ¹/₄ NE ¹/₄ sec.11, T.35 N., R.56 E., Elko County, Hydrologic Unit 16040101, on right bank, 1 mi southwest of Ryndon, 1.5 mi upstream from Jackson Creek, 5 mi downstream from confluence of North Fork Humboldt River, 10 mi northeast of Elko, and at mi 381.71 above Derby Road bridge.

DRAINAGE AREA.--2,779 mi².

PERIOD OF RECORD.--June 1895 to October 1902, October 1944 to current year.

REVISED RECORDS.--WSP 1714: Drainage area. WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,142.32 ft above sea level. June 1895 to October 1902, nonrecording gage at site 11 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversions for irrigation of 95,800 acres above station. No flow some years during summer months. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,200 ft³/ s, February 19, 1986, gage height, 7.64 ft; maximum gage height 12.30 ft, February 13, 1962; no flow at times some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,870 ft³/s, June 2, gage height, 6.27 ft; minimum daily, 0.88 ft³/s, August 17.

			DISC	ARGE, CUB	IC FEET PE		WATER YE. MEAN VA	AR OCTOBER LUES	2002 TO SI	EPTEMBER	2003		
2	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2 1.8 2.2 16 19 670 555 104 175 1790 35 1.8 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.6 1.3 3 1.5 1.5 1.5 1.3 1.5 1.6 1.6 1.5 1.7 1.3 1.3 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1	1.8	2.1	17	19	8.0	61	87	171	1710	4.8	1.5	1.4
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18	16	1.7	16	25	32	70	67	100	168	562	4.1	0.94	1.4
1.8	17	1.8	16	22	31	68	74	116	151	473	3.6	0.88	1.4
1.8	18	1.8	14	19	32	69	79	119	130	416	3.2	0.92	1.4
1	19	1.8	16	15	31	62	76	106	126	354	3.0	0.91	1.4
22	20	1.8	15	13	32	68	69	101	148	286	2.7	0.91	1.4
22	21	1 9	16	e13	33	61	6.8	9.7	149	215	2.6	1 1	1 4
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MY	MEAN	25.6	50.1	63.3	95.3	192	359	513	663	791	194	24.8	11.1
MIN 1.02 1.32 4.30 3.65 8.54 63.6 65.3 46.1 9.60 2.35 0.50 0.63 (WY) 1955 1955 1960 1960 1960 1955 2003 1992 1959 1992 1954 1954 1955 1955 1955 1955 1960 1960 1960 1955 2003 1992 1959 1992 1954 1954 1955 1955 1955 1955 1955 1960 1960 1960 1965 1965 1965 1965 1965 1965 1965 1965	MAX	211	330	358	389	1295	1708	2583	3592	2831	1142	319	107
NUMBER 1955 1955 1960 1960 1955 2003 1992 1959 1992 1954 1954 1955	(WY)	1983	1900	1984	1980	1986	1983	1984	1984	1984	1984	1984	1899
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1895 - 2003 ANNUAL TOTAL 37019.23 41148.31 ANNUAL MEAN 101 113 248 HIGHEST ANNUAL MEAN 1050 Jun 4 1790 Jun 2 6530 Mar 4 1983 LOWEST DAILY MEAN 0.93 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 20 22 71	MIN	1.02	1.32	4.30	3.65	8.54	63.6	65.3	46.1	9.60	2.35	0.50	0.63
ANNUAL TOTAL 37019.23 41148.31 ANNUAL MEAN 101 113 248 HIGHEST ANNUAL MEAN 1101 1984 LOWEST ANNUAL MEAN 35.6 1961 HIGHEST DAILY MEAN 1050 Jun 4 1790 Jun 2 6530 Mar 4 1983 LOWEST DAILY MEAN 0.93 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71	(WY)	1955	1955	1960	1960	1955	2003	1992	1959	1992	1954	1954	1955
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HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST DAILY MEAN 1050 Jun 4 1790 Jun 2 6530 Mar 4 1983 LOWEST DAILY MEAN 0.93 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE ANNUAL RUNOFF (AC-FT) 73430 81620 17970 10 PERCENT EXCEEDS 20 21 724 50 PERCENT EXCEEDS 20 1101 1984 1984 1986 Aug 17 0.00 Aug 6 1900 1870 Jun 2 7200 Feb 19 1986 1870 17970 217970 22 724	ANNUAL 7	TOTAL			37019.23			41148.3	1				
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HIGHEST DAILY MEAN 0.93 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 20 20 213 724 50 PERCENT EXCEEDS 20 20 71	HIGHEST	ANNUAL N	MEAN										1984
LOWEST DAILY MEAN 0.93 Aug 26 0.88 Aug 17 0.00 Aug 6 1900 ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71	LOWEST A	ANNUAL MI	EAN										
ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71	HIGHEST	DAILY M	EAN										
ANNUAL SEVEN-DAY MINIMUM 0.95 Aug 26 0.93 Aug 14 0.00 Aug 6 1900 MAXIMUM PEAK FLOW 1870 Jun 2 7200 Feb 19 1986 MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71					0.93	Aug 26							
MAXIMUM PEAK STAGE 6.27 Jun 2 12.30 Feb 13 1962 ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71					0.95	Aug 26							
ANNUAL RUNOFF (AC-FT) 73430 81620 179700 10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71													
10 PERCENT EXCEEDS 300 213 724 50 PERCENT EXCEEDS 20 22 71												0 Feb 1	3 1962
50 PERCENT EXCEEDS 20 22 71													
90 PERCENT EXCEEDS 1.7 1.4 2.0													
	90 PERCI	ENT EXCE	EDS		1.7			1.4			2.0		

e Estimated

10319900 SOUTH FORK HUMBOLDT RIVER ABOVE TENMILE CREEK NEAR ELKO, NV

 $LOCATION.--Lat\ 40^{\circ}37'42'', long\ 115^{\circ}43'44'', in\ NE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.25, T.32\ N., R.55\ E., Elko\ County,\ Hydrologic\ Unit\ 16040103,\ on\ right\ bank,\ 5\ mi\ above\ South\ Fork\ Dam,\ and\ 19.5\ mi\ southeast\ of\ Elko.$

DRAINAGE AREA.--898 mi².

PERIOD OF RECORD.--February 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,280 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges and periods of beaver activity October to February 4 and September, which are poor. See schematic diagram of Humboldt River Basin.

REVISED RECORD.--NV-92-1:1991.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $2.710 \, \text{ft}^3 / \text{s}$, June 3.1995, gage height, $5.82 \, \text{ft}$; minimum daily, $1.6 \, \text{ft}^3 / \text{s}$, August 18-21, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,760 ft³/s, May 31, gage height, 4.65 ft; minimum daily, 3.5 ft³/s, August 20.

		DISC	CHARGE, CU	JBIC FEET PE		WATER YEA		2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	7.7	16	e11	3 0	22	3 0	100	1210	63	8.8	5.3
2	7.0	7.4	17	12	37	21	39	96	1060	62	16	5.3
3	8.3	8.3	15	16	32	22	43	99	924	59	27	5.0
4	8.3	9.4	15	18	27	22	40	115	795	53	16	4.8
5	7.7	12	15	19	22	22	40		671	51	14	5.3
5	7.7	1.2	15	19	22	22	40	111	6 / 1	51	14	5.3
6	7.1	12	14	17	e22	22	39	99	601	44	12	5.6
7	7.7	13	14	13	e18	21	39	94	577	3 9	9.3	5.4
8	6.7	21	13	13	e18	21	40	111	557	3 3	6.8	4.9
9	6.8	32	13	16	e18	21	42	137	550	28	7.4	4.9
10	6.9	25	17	19	e18	22	44	142	522	3 0	8.1	5.1
11	7.3	21	16	25	e20	21	48	143	474	29	8.4	5.0
12	7.0	18	19	27	21	21	52	143	418	26	9.9	4.9
13	6.7	17	18	24	24	21	50	150	366	22	9.4	4.2
14	6.2	17	19	22	27	20	52	152	339	17	7.2	4.0
15	6.0	16	20	20	25	23	51	164	323	15	6.4	4.0
16	5.8	15	20	18	24	28	48	196	301	13	5.8	4.0
17	6.0	15	20	17	23	28	49	207	285	13	5.1	4.0
18	6.1	14	18	16	22	28	56	208	264	13	4.4	3.9
19	5.5	14	11	16	21	27	58	200	239	13	3.9	4.2
20	4.7	14	17	16	22	27	60	199	217	13	3.5	4.5
21	5.8	14	16	16	21	28	60	213	195	11	7.2	4.3
22	5.6	14	16	16	21	27	60	258	170	4.8	13	4.2
23	5.2	15	11	17	20	27	97	346	151	6.3	12	4.2
24	6.9	14	e10	21	20	28	103	490	136	7.7	8.2	4.1
25	7.5	15	e9.0	25	21	28	103	665	117		6.0	3.9
25	7.5	1.2	e9.0	25	21	28	103	665	117	8.4	6.0	3.9
26	8.4	13	e9.0	25	e20	29	102	735	104	11	5.3	3.9
27	10	13	15	27	e20	32	95	810	91	10	5.5	3.9
28	9.7	13	17	56	e20	3 0	97	985	83	10	5.0	3.8
29	10	14	16	49		3 0	100	1250	78	9.3	4.8	4.0
3 0	11	15	e14	38		28	99	1440	71	7.4	4.5	4.0
31	10		e13	32		28		1480		7.9	4.3	
TOTAL	223.6	448.8	473.0	677	634	775	1836	11538	11889	729.8	265.2	134.6
MEAN	7.21	15.0	15.3	21.8	22.6	25.0	61.2	372	396	23.5	8.55	4.49
MAX	11	32	20	56	3 7	3.2	103	1480	1210	63	27	5.6
MIN	4.7	7.4	9.0	11	18	20	3.0	94	71	4.8	3.5	3.8
AC-FT	444	890	938	1340	1260	1540	3640	22890	23580	1450	526	267
STATIST	TICS OF M	ONTHLY ME	AN DATA	FOR WATER Y	EARS 1989	- 2003	BY WATER	YEAR (WY)			
MEAN	11.5	18.1	17.2	28.5	47.7	91.2	143	391	448	113	14.8	7.48
MAX	34.0	44.2	31.1	73.2	148	189	266	689	1096	453	48.0	19.3
(WY)	1999	1999	1997	1997	1996	1996	1996	1998	1998	1998	1995	1998
MIN	4.09	9.33	9.26	10.0	18.6	21.5	29.2	119	43.1	8.54	2.21	2.78
(WY)	2002	2002	1990	1990	1994	1991	1991	1991	1992	1992	2002	1992
SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	DAR YEAR	F	OR 2003 W.	ATER YEAR		WATER YEA	RS 1989 -	2003
ANNUAL	TOTAL			30138.3			29624.0					
ANNUAL	MEAN			82.6			81.2			112		
HIGHEST	r Annual	MEAN								239		1998
	ANNUAL M									36.1		1992
	r DAILY M			994	Jun 2		1480	May 31		2010		
	DAILY ME				Aug 18			Aug 20		1.6		
		Y MINIMUM		1.7	_		3.9	_		1.7		
	M PEAK FL			1.7	1103 10		1760			2710	_	
	M PEAK FE M PEAK ST							5 May 31			2 Jun 3	
	RUNOFF (59780			58760	J Hay Ji		81340	2 0 011 3	1000
	CENT EXCE			257			195			306		
	CENT EXCE			18			19			26		
	CENT EXCE			3.0			5.3			6.0		
JO PERC	DACE	200		3.0			5.3			0.0		

e Estimated

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV

 $LOCATION.--Lat~40^{\circ}41'06",~long~115^{\circ}48'45",~in~NW~^{1}/_{4}~SW~^{1}/_{4}~sec.5,~T.32~N.,~R.55~E.,~Elko~County,~Hydrologic~Unit~16040103,~on~left~bank,~1.5~mi~upstream~from~Dixie~Creek,~and~10.5~mi~south~of~Elko.$

DRAINAGE AREA.--1,150 mi², approximately.

PERIOD OF RECORD.--October 1948 to September 1982, July 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,140 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions for irrigation above station. Flow regulated by South Fork Reservoir, approximately 2.0 mi upstream, since December, 1987. Records not adjusted for storage. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge prior to dam, $3,100 \text{ ft}^3$ s, January 12, 1979, gage height, 6.80 ft; maximum discharge afterdam, $1,600 \text{ ft}^3$ s, June 6, 1995, gage height, 5.14 ft; minimum daily prior to dam, 0.10 ft^3 s, September 9, 1959; minimum daily after dam, 1.7 ft^3 s, September 15, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 921 ft³/s, May 30 - June 4, gage height, 4.39 ft; minimum daily, 4.5 ft³/s, December 8

		DISC	CHARGE, CU	BIC FEET P		WATER YI	EAR OCTOBER	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
_												
1	7.1	4.9	5.7	5.8	6.3	22	25	93	914	71	6.3	5.6
2	7.0	4.7	5.8	6.4	6.3	22	50	94	913	70	6.9	5.3
3	6.8	4.7	5.7	5.8	10	22	76	95	911	70	6.4	5.2
4	7.1	4.6	5.7	5.7	28	22	76	96	907	70	6.2	6.0
5	7.2	4.9	5.7	5.9	48	22	76	96	770	71	5.9	5.8
6	7.1	5.1	5.5	5.9	47	21	75	95	679	71	5.8	6.0
7	6.1	5.6	5.1	5.4	46	35	61	94	702	51	5.8	6.0
8	6.0	6.4	4.5	5.5	46	49	48	101	704	26	5.6	6.2
9	6.0	6.9	5.3	5.5	46	49	47	109	739	26	5.5	6.7
10	5.5	6.2	5.6	5.5	46	50	47	107	768	26	5.7	6.6
11	5.3	5.8	5.3	5.7	46	28	47	107	767	20	5.5	6.4
12	5.4	5.6	5.6	5.7	46	22	48	119	761	13	5.5	6.4
13	5.5	5.9	5.7	5.9	46	27	48	127	754	13	5.4	6.4
14	5.7	5.8	5.8	6.0	46	26	49	128	754	14	5.4	5.9
15	6.1	5.7	6.1	6.0	46	25	49	133	753	15	5.4	5.5
16	6.1	5.8	6.0	5.8	46	26	49	149	473	15	5.4	5.7
17	6.0	5.9	5.9	5.7	46	26	49	158	239	13	5.5	5.8
18	6.0	6.0	5.9	5.7	4 4	26	49	158	242	6.0	5.5	5.9
19	6.2	6.1	5.4	5.5	41	25	50	169	216	6.4	5.7	6.1
20	6.6	6.2	5.5	5.5	41	25	50	182	152	6.2	5.6	5.9
21	6.4	6.2	5.6	5.7	41	25	58	193	120	6.2	6.0	5.8
22	5.8	6.1	5.7	5.6	42	25	64	220	124	6.2	6.8	5.6
23	5.5	5.9	5.5	6.0	4 0	25	71	265	128	6.2	6.5	5.7
24	5.4	6.0	e5.3	6.5	41	25	83	382	122	6.4	5.5	5.6
25	5.5	5.7	5.0	6.5	3 3	25	96	505	98	6.7	4.8	5.6
26	5.5	5.8	6.1	6.2	23	25	101	605	83	6.7	5.0	5.7
27	5.4	5.5	5.8	6.6	22	25	101	703	80	6.9	5.3	5.4
28	5.5	5.6	5.7	7.5	22	25	102	817	77	6.6	5.1	5.6
29	5.5	5.6	5.6	6.6		25	96	908	75	6.5	5.1	5.5
30	5.5	5.6	5.7	6.3		25	91	910	73	6.3	5.2	5.4
31	5.1		5.7	6.1		25		914		6.3	5.1	
TOTAL	185.9	170.8	173.5	184.5	1041.6	845	1932	8832	14098	744.6	175.4	175.3
MEAN	6.00	5.69	5.60	5.95	37.2	27.3	64.4	285	470	24.0	5.66	5.84
MAX	7.2	6.9	6.1	7.5	48	50	102	914	914	71	6.9	6.7
MIN	5.1	4.6	4.5	5.4	6.3	21	25	93	73	6.0	4.8	5.2
AC-FT	369	339	344	366	2070	1680	3830	17520	27960	1480	348	348
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1988	- 2003	, BY WATER	YEAR (WY)			
MEAN	12.6	14.3	18.9	26.4	44.9	99.3	138	344	441	117	24.9	11.9
MAX	26.5	39.2	47.7	102	138	244	311	661	1068	518	103	26.8
(WY)	1999	1999	1999	1997	1996	1996	1996	1998	1998	1998	1997	1997
MIN	4.55	5.69	5.60	5.95	5.01	24.4	36.8	105	27.8	8.60	5.66	3.12
(WY)	1991	2003	2003	2003	2002	1991	1991	1991	1992	1992	2003	1988
SUMMARY	Z STATIST	'ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEAR	RS 1988 -	- 2003
ANNUAL	TOTAL			28043.1			28558.6					
ANNUAL	MEAN			76.8			78.2			108		
HIGHEST	C ANNUAL	MEAN								235		1998
	ANNUAL M									36.1		1992
	DAILY M			629	Jun 10		914	May 31			Jun (
	DAILY ME				Feb 18			Dec 8		1.7	Sep 1	5 1988
		Y MINIMUM			Feb 13			Oct 31			Aug 2	
	1 PEAK FL							May 30		1600		
	1 PEAK ST							9 May 30			Jun (
	RUNOFF (55620			56650	-, 50		78160		
	CENT EXCE			247			139			296		
	CENT EXCE			7.4			6.6			25		
90 PERC	CENT EXCE	EDS		5.0			5.5			7.1		

e Estimated

10321000 HUMBOLDT RIVER NEAR CARLIN, NV

LOCATION.—Lat $40^{\circ}43'40''$, long $116^{\circ}00'30''$, in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.21, T.33 N., R.53 E., Elko County, Hydrologic Unit 16040101, on right bank, 1.0 mi downstream from Tonka Creek, 5 mi upstream from Susie Creek, 5.5 mi east of Carlin, 15 mi southwest of Elko, and at mi 335.73 above Derby Road bridge.

DRAINAGE AREA.--4,340 mi².

PERIOD OF RECORD.--October 1943 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,931.91 ft above NGVD of 1929 (levels by Nevada State Highway Department).

REMARKS.--Records fair except for estimated daily discharges, which are poor. Many diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,250 ft³/ s, May 17, 1984, gage height, 10.04 ft, maximum gage height, 10.21 ft, February 14, 1962; minimum daily, 0.20 ft³/ s, August 13, 1959.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of February 28, 1910, estimated to have reached 15,000 ft³/s, based on reported stage and comparison with Humboldt River at Palisade. See schematic diagram of Humboldt River Basin.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,960 ft³/s, June 4, gage height, 5.24 ft; minimum daily, 8.2 ft³/s, August 1.

		DIS	SCHARGE, CUB	IC FEET PE	ER SECOND, WA			2002 TO S	SEPTEMBER 2	003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	11	11	28	36	80	77	101	230	1440	138	8.2	15	
2	11	12	3 0	36	77	77	110	239	1640	129	9.6	15	
3	11	12	32	3 0	77	78	137	249	1820	120	35	16	
4	11	12	31	35	81	78	153	252	1870	114	56	15	
5	11	11	29	34	e81	79	159	253	1760	110	30	16	
6	11	11	29	37	e81	116	161	262	1440	105	18	16	
7	10	11	29	35	e81	113	166	266	1400	101	13	16	
8	10	16	e28	31	e82	124	151	292	1360	75	13	19	
9	10	25	e27	31	e82	125	145	318	1340	56	15	20	
10	10	30	e26	31	e83	118	144	333	1310	54	20		
10	18.9()-18.9()-18.9(5)1	18.15					()-18.8	4	14	3	
12	(10)-18.9()-18.9()-18.9(1)	18.9(8)0[() -18	.9(1)18.9(0)0()-:	1e28 4	1(7)-1	8.9()-	18.9()-18	.8(5)18.9(4)0
1.0	(10) _ 1 0 0 (1-19 9/	1 - 19 2 (1)	19 9/3/0/	1 _ 1 0	1 1 1 9 9	΄ _1Ω (2 / 25 \ 10	1 1 1 9 9	/ _10 0	/ _18 9 /	(33) - 19 9 (

10321590 SUSIE CREEK AT CARLIN, NV

 $LOCATION.--Lat~40^{\circ}43'34'',~long~116^{\circ}04'37'',~in~SE~^{1}/_{4}~SW~^{1}/_{4}~sec. 24,~T.33~N.,~R.52~E.,~Elko~County,~Hydrologic~Unit~16040101,~on~left~bank,~approximately~200~ft~above~westbound~Interstate~80~bridge,~and~1~mi~north~of~Carlin.$

DRAINAGE AREA.--194 mi².

PERIOD OF RECORD.--April 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,910 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 561 ft³/ s, March 16, 1997, gage height, 6.56 ft; no flow many days, most years. EXTREMES OUTSIDE PERIOD OF RECORD.—Discharge 2,470 ft³/s, February 11, 1962, computed from culvert computations and floodmarks. Flood of February - March 1910 may have been higher but discharge is unknown.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54 ft³/s, May 10, gage height, 2.32 ft, no flow many days.

		DISC	CHARGE, CUI	BIC FEET PEF		WATER YE MEAN VA		2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1 2	0.0	0.0	e0.69 e0.68	e2.0 e1.8	5.0 4.9	e1.6 e1.5	2.0	3.0	0.19	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0
3	0.0	0.0	e0.68	e2.0	4.2	e1.6	2.3	3.7	e0.05	e0.0	e0.0	e0.0
4	0.0	0.0	e0.68	e2.1	3.6	e1.6	1.9	5.2	e0.0	e0.0	e0.0	e0.0
5	0.0	0.97	e0.68	e2.2	e2.7	e1.6	1.9	6.4	e0.0	e0.0	e0.0	e0.0
6 7	0.0	1.7	e0.70 e0.74	e2.1 e2.1	e2.6 e2.0	e1.8 2.5	2.0	5.3 4.6	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0
8	0.0	4.3	e0.74	e2.1	e2.0	2.1	1.6	5.0	e0.0	e0.0	e0.0	e0.0
9	0.0	5.8	e0.74	e2.4	e2.0	2.0	1.4	7.2	e0.0	e0.0	e0.0	e0.0
10	0.0	3.7	e0.80	3.0	e2.5	2.0	1.2	19	e0.0	e0.0	e0.0	e0.0
11	0.0	2.8	e1.0	3.3	e3.0	2.1	1.1	7.9	e0.0	e0.0	e0.0	e0.0
12	0.0	1.9	1.4	3.1	e3.4	2.1	0.96	6.7	e0.0	e0.0	e0.0	e0.0
13	0.0	1.9	2.1	3.1	4.0	2.1	0.77	5.5	e0.0	e0.0	e0.0	e0.0
14	0.0	1.7	1.8	3.0	5.0	1.8	2.1	4.6	e0.0	e0.0	e0.0	e0.0
15	0.0	1.4	1.8	2.8	4.1	1.9	2.8	3.9	e0.0	e0.0	e0.0	e0.0
16	0.0	1.4	1.8	e2.8	4.0	2.4	2.5	3.2	e0.0	e0.0	e0.0	e0.0
17	0.0	1.4	e1.2	e2.8	3.8	2.3	2.9	2.8	e0.0	e0.0	e0.0	e0.0
18	0.0	1.7	e1.1	e2.8	3.2	2.2	3.6	2.5	e0.0	e0.0	e0.0	e0.0
19 20	0.0	1.4	e1.1 e1.2	e2.8 e2.8	3.0	1.9 1.9	2.7	2.4	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0
21	0.0	1.5	e1.2	e2.8	2.7	2.0	2.1	2.0	e0.0	e0.0	e0.0	e0.0
22	0.0	1.6	e1.1	e2.8	2.8	1.8	3.0	1.7	e0.0	e0.0	e0.0	e0.0
23 24	0.0	1.6 1.7	e1.2 e1.5	2.9	e2.3 e2.2	1.9	3.7 3.2	1.4	e0.0	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0
25	0.0	e1.2	e1.5	4.0	e2.2 e1.9	1.8	2.9	1.2	e0.0 e0.0	e0.0	e0.0	e0.0
26	0.0	e0.80	e1.7	3.8	e1.8	2.0	2.5	0.97	e0.0	e0.0	e0.0	e0.0
27	0.0	e0.64	2.3	4.5	e1.8	2.4	2.3	0.83	e0.0	e0.0	e0.0	e0.0
28 29	0.0	e0.60 e0.63	2.3 e2.0	6.8 5.9	e1.8	2.2	2.5 2.9	0.65 0.54	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0	e0.0 e0.0
30	0.0	e0.66	e2.0 e2.2	4.7		2.1	3.0	0.43	e0.0	e0.0	e0.0	e0.0
31	0.0		e2.2	4.8		1.9		0.31		e0.0	e0.0	
TOTAL	0.0	46.00	40.79	98.0	85.3	60.8	69.33	115.03	0.38	0.0	0.0	0.0
MEAN	0.000	1.53	1.32	3.16	3.05	1.96	2.31	3.71	0.013	0.000	0.000	0.000
MAX	0.00	5.8	2.3	6.8	5.0	2.5	3.7	19	0.19	0.00	0.00	0.00
MIN	0.00	0.00	0.68	1.8	1.8	1.5	0.77	0.31	0.00	0.00	0.00	0.00
AC-FT	0.00	91	81	194	169	121	138	228	0.8	0.00	0.00	0.00
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER YE	EARS 1992	- 2003	, BY WATER	R YEAR (WY)				
MEAN	1.04	2.16	3.37	7.78	8.42	38.4	18.5	10.1	2.76	0.24	0.045	0.22
MAX	3.79	4.25	14.5	52.8	19.6	148	55.5	33.0	9.91	1.15	0.37	1.62
(WY)	1999	1998	1997	1997	1995	1997	1996	1998	1998	1997	1997	1998
MIN	0.000	1.23	0.22	0.18	0.18	1.96	2.31	0.34	0.000	0.000	0.000	0.000
(WY)	1995	1995	1993	1993	1993	2003	2003	1992	2001	1992	1992	1992
SUMMAR	Y STATIST	ICS	FOR	2002 CALENI	DAR YEAR	!	FOR 2003 V	NATER YEAR		WATER YEA	RS 1992 -	2003
ANNUAL				2661.15			515.6					
ANNUAL				7.29			1.4	11		7.8		
	r annual									22.1		1997
	ANNUAL M T DAILY M			177	Mar 30		10	May 10			1 Mar 17	
	DAILY ME			1/6	Mar 30 Jun 20		19	00 Oct 1			0 May 23	
		AN Y MINIMUM		0.00	Jun 25		0.0	00 Oct 1			0 May 23	
	M PEAK FL			0.00	0 u 11 2 2		_ : : :				Mar 16	
	M PEAK ST						2.3	May 10 32 May 10			6 Mar 16	
	RUNOFF (5280			1020			5700		
	CENT EXCE			13			3.3	3		16		
	CENT EXCE			1.5			1.1			1.9		
90 PER	CENT EXCE	EDS		0.00			0.0	0.0		0.0	0	

e Estimated

10321925 SIMON CREEK NEAR HIGHWAY 766 NEAR CARLIN, NV

 $LOCATION.-Lat~40^{\circ}50'35",~long~116^{\circ}13'24",~in~NW~^{1}/_{4}~sec.22,~T.34~S.,~R.51~E.,~Eureka~County,~Hydrologic~Unit~16040101,~on~right~bank,~above~culvert~on~Highway~766,~11.1~mi~northwest~of~Carlin.$

DRAINAGE AREA--46.0 mi².

PERIOD OF RECORD.--November 1996 to September 2003, discontinued.

GAGE.--Water-stage recorder. Elevation at gage is 5,150 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum recorded discharge, 237 ft³/s, March 8, 1997, gage height, 3.73, from rating extension above 5.0 ft³/s but may have been higher January 2, 1997 at gage height, 5.55 ft, backwater from debris on culvert; maximum gage height, 6.41 ft, January 17, 1998, ice jam; minimum daily, 0.10 ft³/s, August 16, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4.5 ft³/s, May 10, gage height, 2.06 ft; minimum daily, 0.13 ft³/s, November 23-24.

LXTICLIVI	ilb i ok c				ER SECOND,	WATER Y	EAR OCTOBER			2003	rovemo	JI 23 24.
DAY	OCT	NOV	DEC	JAN	FEB	Y MEAN VA	ALUES	MAY	JUN	JUL	AUG	SEP
1	0.25	0.18	0.20	0.31	0.66	0.48	0.47	0.39	0.28	0.18	0.17	0.17
2	0.26	0.16	0.21	0.32	0.65	0.47	0.53	0.38	0.28	0.19	0.18	0.17
3	0.24	0.16	0.23	0.34	0.68	0.50	0.51	0.46	0.31	0.20	0.19	0.16
4	0.25	0.16	0.24	0.36	0.66	0.50	0.52	0.70	0.32	0.21	0.18	0.17
5	0.25	0.16	0.23	0.37	0.55	0.50	0.50	0.60	0.38	0.22	0.18	0.17
6	0.23	0.16	0.21	0.40	0.58	0.50	0.52	0.44	0.38	0.23	0.17	0.18
7	0.23	0.10	0.21	0.40	0.55	0.46	0.50	0.42	0.36	0.23	0.17	0.18
8	0.24		0.20						0.37			0.19
		0.26		0.44	0.53	0.42	0.45	0.46		0.22	0.17	
9 10	0.24	0.26 0.22	0.24	0.32	0.49	0.44	0.43	0.54 1.5	0.33	0.20	0.17 0.17	0.20
10	0.25	0.22	0.25	0.50	0.10	0.11	0.40	1.5	0.54	0.10	0.17	0.20
11	0.25	0.19	0.27	0.40	0.50	0.45	0.38	0.53	0.30	0.18	0.17	0.20
12	0.26	0.18	0.27	0.45	0.59	0.44	0.36	0.45	0.24	0.18	0.17	0.19
13	0.26	0.18	0.29	0.46	0.91	0.42	0.37	0.41	0.24	0.18	0.16	0.20
14	0.25	0.17	0.30	0.45	0.83	0.41	0.52	0.38	0.25	0.18	0.17	0.20
15	0.22	0.16	0.30	0.44	0.74	0.51	0.51	0.34	0.28	0.17	0.17	0.20
16	0.21	0.16	0.31	0.45	0.92	0.52	0.43	0.34	0.28	0.17	0.17	0.20
17	0.22	0.16	0.32	0.43	0.67	0.48	0.49	0.35	0.27	0.17	0.16	0.20
18	0.20	0.15	0.32	0.40	0.55	0.44	0.55	0.32	0.27	0.18	0.16	0.20
19	0.20	0.15	0.27	0.41	0.52	0.43	0.46	0.33	0.25	0.17	0.16	0.20
20	0.21	0.15	0.33	0.41	0.54	0.45	0.44	0.32	0.25	0.17	0.16	0.20
21	0.21	0.14	0.31	0.39	0.54	0.45	0.53	0.31	0.26	0.18	0.17	0.20
22	0.21	0.14	0.30	0.40	0.51	0.45	0.76	0.30	0.26	0.17	0.17	0.20
23	0.21	0.13	0.29	0.45	0.49	0.48	0.64	0.30	0.23	0.17	0.17	0.20
24	0.19	0.13	e0.28	0.58	0.51	0.46	0.54	0.29	0.22	0.17	0.17	0.20
25	0.19	0.22	e0.27	0.59	0.54	0.44	0.46	0.30	0.23	0.18	0.17	0.20
26	0.20	0.19	e0.25	0.55	0.48	0.53	0.43	0.27	0.22	0.18	0.17	0.20
27	0.19	0.20	e0.26	0.77	0.47	0.50	0.40	0.26	0.22	0.18	0.16	0.20
28	0.19	0.21	0.28	0.78	0.49	0.47	0.44	0.26	0.20	0.17	0.16	0.22
29	0.18	0.22	0.30	0.61		0.47	0.46	0.28	0.19	0.17	0.16	0.22
3 0	0.19	0.21	0.30	0.57		0.45	0.40	0.28	0.19	0.17	0.17	0.23
31	0.19		0.32	0.62		0.43		0.27		0.17	0.17	
TOTAL	6.89	5.33	8.35	14.29	16.63	14.39	14.40	12.78	8.16	5.71	5.24	5.85
MEAN	0.22	0.18	0.27	0.46	0.59	0.46	0.48	0.41	0.27	0.18	0.17	0.20
MAX	0.26	0.26	0.33	0.78	0.92	0.53	0.76	1.5	0.38	0.23	0.19	0.23
MIN	0.18	0.13	0.20	0.31	0.47	0.41	0.36	0.26	0.19	0.17	0.16	0.16
AC-FT	14	11	17	28	33	29	29	25	16	11	10	12
STATIST	rics of Mo	ONTHLY ME	AN DATA I	FOR WATER	YEARS 1997	7 - 2003	, BY WATER	YEAR (WY)				
MEDAN	0.40	0 50	0 75	1 12	1 60	0.46	1 42	1 21	0 76	0.40	0 21	0 20
MEAN	0.48	0.53	0.75 2.00	1.43	1.60 3.14	2.46 9.20	1.43	1.31	0.76 1.73	0.40	0.31	0.38
MAX (WY)	1999	2000	1997	1998	2002	1997	3.89 1998	1998	1998	1998	1998	1998
MIN	0.22	0.18	0.27	0.43	0.47	0.46	0.48	0.41	0.27	0.18	0.14	0.20
(WY)	2003	2003	2003	2001	2001	2003	2003	2003	2003	2003	2001	2003
	STATIST:				NDAR YEAR		FOR 2003 WA			WATER YEARS		
ANNUAL	TOTAL.			240.9	5		118.02)				
ANNUAL				0.6			0.32			0.81		
	C ANNUAL I	MEAN		0.0			0.52			1.84		1998
	ANNUAL MI									0.32		2003
	DAILY M			28	Feb 20		1.5	May 10			Mar 8	
	DAILY MEA				3 Nov 23			Nov 23			Aug 16	
	SEVEN-DAY				4 Nov 18			Nov 18			Aug 11	
	PEAK FLO							May 10			Mar 8	
	M PEAK STA							May 10			Jan 17	
ANNUAL	RUNOFF (A	AC-FT)		478			234	-		588		
10 PERC	CENT EXCE	EDS		0.7	5		0.53	3		1.4		
50 PERC	CENT EXCE	EDS		0.3	7		0.27	7		0.52		
90 PERC	CENT EXCE	EDS		0.2	0		0.17	7		0.21		

e Estimated

10321940 MAGGIE CREEK ABOVE MAGGIE CREEK CANYON NEAR CARLIN, NV

 $LOCATION.--Lat~40^{\circ}49'30", long~116^{\circ}13'21", in~SE~^{1}/_{4}~NE~^{1}/_{4}~sec. 22, T.34~S., R.51~E., Eureka~County, Hydrologic~Unit~16040101, on~right~bank, approximately~10.0~mi~northwest~of~Carlin.$

DRAINAGE AREA--332 mi^2 .

PERIOD OF RECORD.--January 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,125 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor . See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 559 ft 3 / s March 22, 1997, gage height, 5.02 ft; minimum daily, 0.14 ft 3 / s August 8, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, about 41 ft³/s, May 18, gage height, 3.17 ft; maximum gage height, 4.49 ft, backwater from beaver dam; minimum daily, 0.04 ft³/s, August 25-29 and September 1.

DISCHARGE,	CUBIC	FEET	PER	SECOND,	WATER	YEAR	OCTOBER	2002	TO	SEPTEMBER	2003
	DAILY	MEAN	VALUE	S							

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	4.6	5.0	5.7	7.2	5.7	6.9	e16.5	11	0.63	e0.16	e0.04
2	1.5	4.7	4.9	5.7	7.0	5.5	8.1	e16.0	11	0.56	e0.19	e0.05
3	1.8	4.9	4.8	6.3	6.7	5.6	7.8	e22.0	9.8	0.51	e0.09	e0.07
4	2.4	4.8	4.7	6.0	6.3	5.6	7.8	e26.0	9.3	0.49	e0.09	e0.06

10321950 MAGGIE CREEK AT MAGGIE CREEK CANYON NEAR CARLIN, NV

 $LOCATION.--Lat\ 40^{\circ}48'12'', long\ 116^{\circ}11'57'', in\ NE\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec. 26,\ T.34\ N.,\ R.51\ E.,\ Eureka\ County,\ Hydrologic\ Unit\ 16040101,\ on\ right\ bank,\ approximately\ 8.0\ mi\ northwest\ of\ Carlin.$

DRAINAGE AREA.--334 mi².

PERIOD OF RECORD.--September 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,085 ft above NGVD of 1929, from topographic map. Prior to June 2, 1992, at datum 1.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 591 ft^3 s, March 27, 1993, gage height, 4.58 ft, maximum gage height, 4.67 ft, March 22, 1997; no flow some days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 34 ft³/s, May 18, gage height, 2.27 ft; no flow, many days.

LATREM	ILS I OK C				-	-	YEAR OCTOBER					
							VALUES					
DAY	OCT	NOV	DEC	JAN	FEB	MA	R APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	e0.00	e0.00	2.5	2.4	2.6	13	6.4	0.00	0.00	0.00
2	0.00	0.00	e0.00	e0.00	2.6	2.0	3.2	13	5.9	0.00	0.00	0.00
3	0.00	0.00	e0.00	e0.00	2.1	2.4		16	5.1	0.00	0.00	0.00
4	0.00	0.00	e0.00	e0.00	2.1	3.1		22	4.5	0.00	0.00	0.00
5	0.00	0.00	e0.00	e0.00	1.5	2.3		23	3.9	0.00	0.00	0.00
5	0.00	0.00	e0.00	60.00	1.5	2.3	3.3	23	3.5	0.00	0.00	0.00
6	0.00	0.00	e0.00	e0.00	1.7	2.2		20	3.3	0.00	0.00	0.00
7	0.00	0.00	e0.00	e0.00	0.94	2.0		20	2.6	0.00	0.00	0.00
8	0.00	0.00	e0.00	e0.00	1.7	1.8		23	2.1	0.00	0.00	0.00
9	0.00	0.00	e0.00	e0.00	1.8	1.7		27	1.3	0.00	0.00	0.00
10	0.00	0.00	e0.00	e0.00	2.1	1.6	3.2	29	0.78	0.00	0.00	0.00
11	0.00	0.00	e0.00	e0.00	2.2	1.5	3.0	30	0.45	0.00	0.00	0.00
12	0.00	0.00	e0.00	e0.00	2.4	1.4	3.1	28	0.15	0.00	0.00	0.00
13	0.00	0.00	e0.00	e0.00	2.9	1.5	3.2	28	0.00	0.00	0.00	0.00
14	0.00	0.00	e0.00	0.00	2.6	1.3	4.8	29	0.00	0.00	0.00	0.00
15	0.00	0.00	e0.00	0.00	2.3	1.9	5.1	29	0.00	0.00	0.00	0.00
16	0.00	0.00	e0.00	0.23	2.7	2.5	5.5	3 0	0.00	0.00	0.00	0.00
17	0.00	0.00	e0.00	0.44	2.6	2.4		32	0.00	0.00	0.00	0.00
18	0.00	0.00	e0.00	0.54	2.4	2.3		32	0.00	0.00	0.00	0.00
19	0.00	e0.00	e0.00	0.70	2.4	2.2		32	0.00	0.00	0.00	0.00
20	0.00	e0.00	e0.00	0.92	2.3	2.3	5.7	3 0	0.00	0.00	0.00	0.00
21	0.00	e0.00	e0.00	0.99	2.2	2.3	6.2	27	0.00	0.00	0.00	0.00
22	0.00	e0.00	e0.00	1.2	2.3	2.2	8.2	24	0.00	0.00	0.00	0.00
23	0.00	e0.00	e0.00	1.3	2.2	2.3		21	0.00	0.00	0.00	0.00
24	0.00	e0.00	e0.00	2.1	2.3	2.2		18	0.00	0.00	0.00	0.00
25	0.00	e0.00	e0.00	2.0	2.5	2.1		17	0.00	0.00	0.00	0.00
23	0.00	60.00	60.00	2.0	2.5	2.1	0.5	17	0.00	0.00	0.00	0.00
26	0.00	e0.00	e0.00	2.0	2.4	2.7	8.8	16	0.00	0.00	0.00	0.00
27	0.00	e0.00	e0.00	2.5	2.3	2.8	9.4	14	0.00	0.00	0.00	0.00
28	0.00	e0.00	e0.00	3.2	2.3	2.6	11	12	0.00	0.00	0.00	0.00
29	0.00	e0.00	e0.00	2.7		2.5	12	9.5	0.00	0.00	0.00	0.00
30	0.00	e0.00	e0.00	2.5		2.5	14	8.3	0.00	0.00	0.00	0.00
31	0.00		e0.00	2.4		2.5		7.2		0.00	0.00	
TOTAL	0.00	0.00	0.00	25.72	62.34	67.5		680.0	36.48	0.00	0.00	0.00
MEAN	0.000	0.000	0.000	0.83	2.23	2.18	6.00	21.9	1.22	0.000	0.000	0.000
MAX	0.00	0.00	0.00	3.2	2.9	3.1	14	32	6.4	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.94	1.3	2.6	7.2	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	51	124	134	357	1350	72	0.00	0.00	0.00
OM3 M T OF	TT 00 OF M	OMBITT IT ME		OD 143 MBD 14	E3DG 1000	0.00						
STATIST	rics of M	ONTHLY MEA	AN DATA F	OR WATER Y	EARS 1989	- 200	3, BY WATER	YEAR (WY)				
MEAN	2.95	4.00	4.62	9.16	11.2	49.3	55.9	51.4	16.0	2.45	1.02	1.34
MAX	8.09	9.16	10.3	44.6	32.0	200	171	180	76.0	11.2	3.81	4.48
(WY)	1990	1990	1999	1997	1997	1997		1998	1998	1998	1998	1998
MIN	0.000	0.000	0.000	0.000	0.63	2.18		2.47	0.039	0.000	0.000	0.000
(WY)	1993	2001	2002	2002	1993	2003		1992	2001	2001	1991	1992
SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	DAR YEAR		FOR 2003 W	VATER YEAR		WATER YEA	RS 1989 -	2003
2 212111 2 1	moma r			0055 00			1050					
ANNUAL ANNUAL				2257.28 6.18			1052.0			17.5		
		MIDAN		6.18			2.0	0.0				1007
	r annual									48.5		1997
	ANNUAL M				E-1 04		2.0	w		1.7		2001
	r DAILY M				Feb 21			May 17			Mar 27	
	DAILY ME				Jan 1			00 Oct 1			0 Jul 14	
		Y MINIMUM		0.00	Jan 1			00 Oct 1			0 Jul 23	
	M PEAK FL							May 18			Mar 27	
	M PEAK ST							27 May 18			7 Mar 22	1997
	RUNOFF (4480			2090			12660		
	CENT EXCE			25			8.6			37		
	CENT EXCE			0.00			0.0			5.0		
90 PERG	CENT EXCE	EDS		0.00			0.0	0 0		0.0	0	

e Estimated

10322000 MAGGIE CREEK AT CARLIN, NV

LOCATION.--Lat 40°42′59", long 116°05′32", in NW ¹/₄ SE ¹/₄ sec.26, T.33 N., R.52 E., Elko county, Hydrologic Unit 16040101, on right bank, approximately 0.5 mi above confluence with the Humboldt River, and 0.5 mi east of Carlin.

DRAINAGE AREA.--396 mi².

PERIOD OF RECORD.--July 1913 to December 1921, April to May 1922, April 1923 to September 1924, April 1992 to current year. REVISED RECORDS.--WDR NV-93-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,900 ft above sea level, from topographic map. Prior to April 1992, at several sites in immediate vicinity at different datums.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flows influenced by mine de-watering into creek 6.0 mi upstream since April 1994. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 800 ft³/ s, May 7, 1922, gage height, 4.3 ft, (site and datum then in use); maximum gage height, 5.88 ft, March 27, 1993, (present datum); no flow some days during summer months, most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Discharge 2,440 ft³/s, February 12, 1962, computed from culvert computations and floodmarks. Flood of February-March 1910 may have been higher but discharge is unknown.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 30 ft³/s, May 28, gage height, 4.08 ft; minimum daily, 0.37 ft³/s, July 14.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

					DAILY	MEAN V.	ALUES						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	3.0	9.5	16	15	17	13	16	16	14	8.5	14	14	
2	3.6	9.7	16	15	16	13	16	16	13	8.7	14	14	
3	4.2	10	16	15	15	13	16	16	12	8.2	16	15	
4	4.5	10	16	15	16	13	16	17	10	8.8	15	15	
5	5.0	10	16	15	15	13	16	16	9.9	8.1	15	15	
6	5.0	11	16	15	14	14	16	16	9.6	7.8	15	15	
7	5.1	11	16	15	16	14	16	14	9.1	7.8	15	15	
8	5.2	11 12	16	15 15	16	14	16	14	8.9	7.8	15	15	
10	5.4 5.4	12	16 16	15 15	16 15	14 14	16 15	15 16	8.5 8.5	7.6 8.7	16 16	15 15	
11 12	5.7	11	15 15	15 14	15	14 14	15	16 16	8.5	8.8	16 16	14 14	
13	5.7 6.0	e11 e12	15	14	15 15	14	15 14	15	9.0 8.7	3.1 0.86	16	14	
14	6.1	e12	14	15	15	14	15	15	8.7	0.34	14	14	
15	6.2	13	13	15	15	14	16	15	8.6	0.61	13	14	
16	6.2	1.4	1.4	15	15	14	16	15	8.6	0.91	1.3	1.4	
17	6.3	15	13	15	14	14	16	15	8.3	1.2	14	14	
18	6.5	15	13	16	14	13	16	15	8.1	11	14	14	
19	6.6	15	13	16	14	13	16	15	8.4	12	14	14	
20	6.8	15	13	16	14	13	15	15	8.9	13	14	14	
21	7.0	16	13	17	14	13	15	15	8.7	13	15	13	
22	7.1	16	13	17	14	13	15	15	9.2	15	15	11	
23	7.3	16	13	17	14	13	14	15	9.1	15	14	11	
24	7.5	16	14	17	14	12	14	15	9.0	15	14	8.4	
25	7.7	16	14	16	13	13	14	15	9.1	15	13	6.2	
26	7.9	16	14	16	13	14	13	16	8.9	15	13	5.6	
27	8.1	17	14	16	14	14	13	19	9.0	14	13	5.6	
28	8.3	17	14	15	13	14	14	27	9.2	14	13	5.6	
29 30	8.6 8.8	17 17	14 15	15 16		14 15	15 16	e24 e16	9.3	14 14	13 13	5.6 5.6	
31	9.2		15	17		16	1.0	15		14	14		
TOTAL MEAN	196.0 6.32	404.2 13.5	450 14.5	481 15.5	411 14.7	423 13.6	456 15.2	500 16.1	279.6 9.32	291.82 9.41	445 14.4	365.6 12.2	
MAX	9.2	17	14.5	17	17	16	16	27	14	15	14.4	15	
MIN	3.0	9.5	13	14	13	12	13	14	8.1	0.34	13	5.6	
AC-FT	389	802	893	954	815	839	904	992	555	579	883	725	
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1913	- 2003	, BY WATER	YEAR (WY)					
MEAN	8.26	11.3	10.9	17.0	24.0	65.8	87.8	80.5	23.4	6.32	4.85	4.90	
MAX	30.1	39.4	42.6	82.6	72.5	225	223	422	84.7	32.6	24.1	18.9	
(WY)	1998	1997	1997	1997	1997	1997	1922	1922	1998	1998	1996	1998	
MIN (WY)	0.000 1993	0.000 1993	0.000 1993	0.000 1924	0.099 1993	1.96 1994	8.71 1994	0.12 1992	0.068 1992	0.006 1992	0.000 1919	0.000 1919	
. ,													
	7 STATIST	'ICS	FOR		NDAR YEAR		FOR 2003 WA			WATER YE	ARS 1913 -	- 2003	
ANNUAL ANNUAL	MEAN			4002.8 11.0			4703.22 12.9	2		27.6			
	T ANNUAL ANNUAL M									76.4 4.0		1997 1924	
	ANNUAL M DAILY M			53	Feb 20		27	May 28		750			
	DAILY ME			0.3		0.34 Jul 14							
ANNUAL	SEVEN-DA	MUMINIM Y		0.4	5 Aug 6	2.3 Jul 11			0.00 Aug 17 1915				
	M PEAK FL					30 May 28							
	1 PEAK ST			EC		4.08 May 28							
	RUNOFF (CENT EXCE			7940 26		9330 16				20020 74			
	CENT EXCE			26 7.3		16 14				8.6			
	CENT EXCE			0.7			7.6			0.4			

e Estimated

10322150 MARYS CREEK AT CARLIN, NV

 $LOCATION.--Lat\ 40^{\circ}42'38'',\ long\ 116^{\circ}07'30'',\ in\ SE\ ^{1}/_{4}\ SE\ ^{1}/_{4}\ sec.28,\ T.33\ N.,\ R.52\ E.,\ Elko\ County,\ Hydrologic\ Unit\ 16040101,\ on\ left\ bank,\ 0.7\ mi\ above\ confluence\ with\ Humboldt\ River,\ and\ 1.1\ mi\ southeast\ of\ Carlin.$

DRAINAGE AREA.--45.4 mi².

PERIOD OF RECORD.--November 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,930 ft above NGVD of 1929, from topographic map. Prior to June 3, 1992, at datum 2.0 ft higher.

REMARKS.--Records poor. Discharge affected by intermittent pumping for Carlin water system. See schematic diagram of Humboldt River Basin EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 530 ft 3 / s, March 17, 1993, gage height, 8.15 ft; minimum daily, 0.11 ft 3 / s, September 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 62 ft³/s, August 3, gage height, 6.74 ft, backwater from beaver dam; minimum daily, 2.6 ft³/s, October 17, 18, 22, 23.

		DISC	CHARGE, CU	BIC FEET P		WATER YE Y MEAN VA		2002 TO SE	PTEMBER	2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	3.8	3.3	9.7	e7.3	6.7	5.4	5.6	4.0	3.5	3.6	4.0	5.0	
2	3.8	3.7	10	e7.0	5.6	5.3	4.2	4.0	3.5	3.6	4.2	4.9	
3	3.7	e3.7	10	e6.2	5.5	5.4	3.6	4.0	3.6	3.6	8.2	4.8	
4	3.8	e3.8	9.3	e6.0	6.2	5.3	3.7	4.0	3.6	3.6	4.5	4.8	
5	3.7	e3.9	9.4	e5.9	5.5	5.4	3.8	4.0	3.5	3.6	4.4	4.8	
6	3.4	e4.0	10	e5.7	5.4	5.5	4.1	3.9	3.4	3.6	4.3	4.7	
7	3.2	e4.1	11	e5.4	5.3	5.5	3.9	3.9	3.4	3.4	4.2	4.7	
8 9	3.1	e4.2	11 11	e4.8	5.5	5.8	4.5	3.9	3.3	3.3 3.4	4.2	4.7	
10	2.8	e4.3 e4.4	9.7	e4.4 e5.0	5.5 5.5	6.0 5.9	5.0 4.6	3.9 3.9	3.3	3.4	4.3	4.7 4.7	
11	2.9	e4.5	8.9	e4.5	5.4	5.3	4.6	4.8	3.3	3.6	4.5	4.7	
12	2.9	e4.6	8.6	e4.4	5.3	4.4	4.4	4.8	3.3	3.6	4.4	4.6	
13	2.7	e4.7	8.8	e4.8	5.3	4.7	4.4	4.7	3.4	3.7	4.4	4.5	
14	2.7	e4.8	8.7	5.3	5.3	4.8	4.6	4.4	3.3	3.9	4.4	4.5	
15	2.8	e4.9	11	5.3	5.4	5.1	4.7	4.3	3.3	4.0	4.4	4.4	
16	2.7	e5.0	8.7	5.5	5.4	4.9	4.7	4.2	3.2	4.0	4.5	4.4	
17	2.6	e5.1	12	5.9	5.7	5.0	4.6	4.2	3.2	4.0	4.5	4.4	
18	2.6	e5.2	10	5.4	5.7	4.9	4.6	4.2	3.2	3.7	4.6	4.5	
19	2.8	e5.3	11	5.5	5.9	4.6	4.5	4.2	3.1	3.5	4.6	4.4	
20	2.7	e5.4	10	5.5	5.5	4.5	4.4	4.1	3.1	3.6	4.7	4.4	
21	2.7	e5.4	10	5.4	5.5	4.6	4.3	4.0	3.1	3.5	4.8	4.4	
22	2.6	e5.5	11	5.4	5.5	5.1	4.3	3.9	3.2	3.6	5.1	4.4	
23	2.6	e5.6	12	5.4	5.4	5.0	4.2	3.9	3.2	3.6	5.2	4.4	
24	2.8	e5.7	11	5.3	5.6	4.5	4.2	3.9	3.4	3.6	5.3	4.3	
25	2.9	e5.8	10	5.8	5.2	4.7	4.2	4.0	3.4	3.9	5.3	4.2	
26	3.2	5.8	8.8	5.2	5.2	5.1	4.1	3.8	3.3	4.0	5.2	4.1	
27	3.2	6.8	8.0	5.5	5.3	5.0	4.1	3.7	3.2	4.1	5.3	4.1	
28	3.1	7.5	7.3	5.4	5.3	4.8	4.0	3.6	3.3	4.0	5.2	4.1	
29	3.1	8.4	e6.6	5.4		4.8	4.1	3.6	3.5	4.2	5.4	4.1	
30	2.9	8.8	e6.2	5.6		5.0	4.0	3.6	3.5	3.7	5.1	4.0	
31	3.2		e6.5	6.6		5.1		3.6		3.7	5.0		
TOTAL	93.9	154.2	296.2	170.8	154.6	157.4	130.0	125.0	99.9	114.7	148.8	134.7	
MEAN	3.03	5.14	9.55	5.51	5.52	5.08	4.33	4.03	3.33	3.70	4.80	4.49	
MAX	3.8	8.8	12	7.3	6.7	6.0	5.6	4.8	3.6	4.2	8.2	5.0	
MIN	2.6	3.3	6.2	4.4	5.2	4.4	3.6	3.6	3.1	3.3	4.0	4.0	
AC-FT	186	306	588	339	307	312	258	248	198	228	295	267	
STATIST	CICS OF M	ONTHLY ME	AN DATA E	OR WATER	YEARS 1990	- 2003	, BY WATER	YEAR (WY)					
MEAN	4.66	5.51	5.00	5.54	5.70	11.1	7.09	5.75	4.05	4.02	3.81	4.23	
MAX	8.59	8.90	9.55	14.8	16.6	43.9	19.6	17.6	7.62	10.0	5.88	10.6	
(WY)	2001	1998	2003	1997	1996	1993	1998	1998	1999	2002	2001	1998	
MIN	2.13	3.47	2.21	2.85	1.78	3.16	2.64	1.90	1.36	1.60	2.34	1.11	
(WY)	1993	1992	1997	1993	1993	1994	1992	1992	1991	1991	1992	2002	
SUMMARY	STATIST	ICS	FOR	2002 CALE	NDAR YEAR	1	FOR 2003 W	ATER YEAR		WATER YEA	ARS 1990 -	- 2003	
ANNUAL	TOTAL			1888.4	7		1780.2						
ANNUAL				5.1			4.8			5.6	56		
HIGHEST	ANNUAL	MEAN								9.5	54	1998	
	ANNUAL M											1992	
HIGHEST	DAILY M	EAN		3 0	Feb 20		12	Dec 17		400 Mar 17 1993			
LOWEST	DAILY ME.	AN		0.1	1 Sep 18			Oct 17		0.11 Sep 18 2002			
ANNUAL SEVEN-DAY MINIMUM			I		7 Sep 13		2.7	Oct 17	0.17 Sep 13 2002				
MAXIMUM	AXIMUM PEAK FLOW						62	Aug 3		530	Mar 17	7 1993	
MAXIMUM	1 PEAK ST	AGE					6.7	4 Aug 3		8.1	.5 Mar 1	7 1993	
ANNUAL	RUNOFF (AC-FT)		3750			3530			4100			
10 PERC	CENT EXCE	EDS		11		6.6				8.4			
50 PERC	CENT EXCE	EDS		4.2		4.5				4.5			
90 PERC	CENT EXCE	EDS		1.1			3.3			2.4	Ł		

e Estimated

10322500 HUMBOLDT RIVER AT PALISADE, NV

LOCATION.--Lat 40°36'27", long 116°12'03", in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.35, T.32 N., R.51 E., Eureka County, Hydrologic Unit 16040101, on right bank, 0.2 mi downstream from Southern Pacific Railroad bridge, 0.5 mi downstream from Palisade, 0.8 mi upstream from Pine Creek, and at mi 316.10 above Derby Road bridge.

DRAINAGE AREA.--5,053 mi².

PERIOD OF RECORD.--October 1902 to September 1906, and July 1911 to current year.

REVISED RECORDS.--WSP 1514, 1903-4, 1912, 1914. WDR NV-00-1: Drainage Area.

GAGE.--Water-stage recorder. Datum of gage is 4,825.55 ft above NGVD of 1929. Prior to April 1, 1939, nonrecording gages (water-stage recorder April 22 to June 3, 1935) at several sites within 0.5 mi of present site at various datums.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions for irrigation above station. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,870 ft 3 / s, May 18, 1984, gage height, 10.08 ft; minimum daily, 2.0 ft 3 / s, August 25-28, 1931.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, about 17 ft, present datum, about February 28, 1910, from photographs and written statements of resident witnesses; discharge, about 17,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,790 ft³/s, June 4, gage height, 4.86 ft; minimum daily, 22 ft³/s, July 22.

		DISC	HARGE,	CUBIC FEET	PER SECOND	, WATER LY MEAN		BER 2002 TO	SEPTEMBE	ER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	36	52	62	113	107	130	230	1390	173	29	31
2	26	36	53	61	107	107	140	237	1550	159	29	29
3	27	36	55	65	102	109	152	252	1700	144	68	28
4	29	37	55	63	103	108	180	264	1770	131	48	3 0
5	3 0	38	54	66	101	109	186	258	1760	123	52	29
6	30	3.8	54	6.4	e103	127	191	263	1510	116	3.7	3.0
7	31	38	52	64	105	141	191	260	1440	109	32	30
8	31	43	49	62	e106	144	189	282	1390	100	31	29
9	32	53	49	62	e107	155	173	310	1340	71	31	32
10	32	55	53	64	e109	150	167	339	1320	66	33	34
11	32	52	51	68	e111	145	164	371	1270	62	34	34
12	32	45	59	75	113	133	158	413	1240	58	35	34
13	31	40	57	76	117	113	151	422	1190	47	36	33
14	31	41	60	75	134	116	169	404	1150	41	35	33
15	31	41	63	73	134	116	168	379	1100	38	30	31
16	32	45	63	72	133	122	151	353	1060	37	30	31
17	32	47	64	72	133	125	149	348	700	35	30	30
18	32	47	65	76	131	123	164	339	594	36	30	31
19	34	47	61	75	130	127	166	328	560	31	30	32
20	34	48	55	75	128	130	163	336	499	28	29	32
21	33	50	61	76	125	128	157	346	419	25	31	32
22	33	51	57	8 0	124	127	155	353	363	22	46	29
23	33	52	54	81	123	126	161	366	339	25	40	28
24	35	52	55	86	123	124	165	433	322	26	38	27
25	36	52	57	87	124	122	182	579	302	28	36	25
26	36	52	54	89	120	122	201	728	274	28	34	27
27	36	51	60	93	110	124	216	886	249	33	33	28
28	36	51	55	103	107	120	220	1030	232	34	33	30
29	37	51	59	104		118	234	1190	209	32	32	30
30 31	37 37	51 	60 62	103 113		122 130	233	1240 1290	190	30 29	31 31	30
TOTAL	1004	1376	1758	2385	3276	3870	5227	14829	27432	1917	1094	909
MEAN	32.4	45.9	56.7	76.9	117	125	174	478	914	61.8	35.3	30.3
MAX	37	55	65	113	134	155	234	1290	1770	173	68	34
MIN	26	36	49	61	101	107	130	230	190	22	29	25
MED	32	47	55	75	115	124	167	353	1080	37	33	30
AC-FT	1990	2730	3490	4730	6500	7680	10370	29410	54410	3800	2170	1800
STATIST	rics of Mo	NTHLY MEA	N DATA	FOR WATER	YEARS 1903	- 2003	, BY WATE	R YEAR (WY)				
MEAN	58.8	88.0	105	145	283	581	843	1003	1188	341	60.3	36.8
MAX	369	411	720	616	1779	2949	4222	5719	4635	1960	571	199
(WY)	1983	1984	1984	1997	1986	1983	1984	1984	1984	1984	1984	1984
MIN	10.3	10.3	10.0	10.0	30.1	104	29.9	11.3	6.27	5.71	3.68	6.53
(WY)	1932	1932	1932	1932	1932	1934	1934	1934	1931	1931	1931	1931
SUMMARY	Y STATISTI	CS	FOI	R 2002 CALE	ENDAR YEAR		FOR 2003	WATER YEAR		WATER YEARS	3 1903 -	2003
ANNUAL				70372			65077					
ANNUAL				193			178			394		
	r annual m									1846		1984
LOWEST ANNUAL MEAN									34.8		1934	
HIGHEST DAILY MEAN			1260	Jun 6		1770	Jun 4		7820	May 18		
LOWEST DAILY MEAN			21	Aug 20		22	Jul 22		2.0	Aug 25		
ANNUAL SEVEN-DAY MINIMUM			22	Aug 18		26	Jul 20		2.4	Aug 22		
MAXIMUM PEAK FLOW						1790	Jun 4		7870	May 18		
MAXIMUM PEAK STAGE ANNUAL RUNOFF (AC-FT)			139600			4. 129100	86 Jun 4		10.08 285200	May 18	1984	
	RUNOFF (A			139600			357			1160		
	CENT EXCEE			56			66			121		
	CENT EXCEE			23			30			24		
		-		2.5			3.0					

e Estimated

10323425 HUMBOLDT RIVER AT OLD U.S. HIGHWAY 40 BRIDGE AT DUNPHY, NV

 $LOCATION.-Lat~40^{\circ}42'20",~long~116^{\circ}31'48",~in~SE~^{1}/_{4}~SE~^{1}/_{4}~sec.26,~T.33~N.,~R.48~E.,~Eureka~County,~Hydrologic~Unit~16040105,~on~right~downstream~bridge~abutment,~at~Dunphy,~and~at~mi~280.41~above~Derby~Road~bridge.$

DRAINAGE AREA.--7,388 mi².

PERIOD OF RECORD .-- February 1991 to current year.

REVISED RECORDS .-- WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,630 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Many diversions for irrigation above station. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,140 ft 3 / s, June 9, 1995, gage height, 8.57 ft; minimum daily, 1.6 ft 3 / s, August 13, 1992.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood February 12, 1962, maximum discharge 7,620 ft³/s, computed by slope-area and culvert computations of peak flow.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,460 ft³/s, June 5, gage height, 5.70 ft; minimum daily, 11 ft³/s, October 1.

LATREN	LSTORC	OKKLIVI I	LAIXIVIA	Allifulli uisc	marge, 1,400	it 73, Juin	c 3, gage neig	,111, 5.70 11,		ually, 11 1t 75,	OCTOBEL 1	
		DISC	HARGE, CUI	BIC FEET P		WATER YE MEAN V	EAR OCTOBER ALUES	2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	24	34	50	134	120	137	214	1060	183	21	15
2	12	23	34	51	137	119	144	213	1150	167	21	15
3	13	24	35	5.5	130	118	151	224	1270	143	20	15
4	13	25	35	58	123	118	161	237	1390	128	42	15
5	13	24	36	61	e110	117	186	239	1420	118	36	15
6	14	27	36	64	e115	117	193	215	1360	111	36	15
7	14	28	35	63	e105	134	198	221	1210	105	27	15
8	15	28	35	62	e95	149	198	216	1150	98	21	15
9	16	29	e33	62	e90	154	195	238	1090	95	19	16
10	15	31	33	63	e95	164	185	261	1070	80	18	17
11	15	50	e34	64	e105	161	183	284	1050	72	17	17
12	16	41	e35	67	e130	156	181	312	1020	70	17	18
13	17	38	e34	81	136	142	175	354	998	66	17	16
14	16	33	38	80	141	119	190	355	968	61	17	16
15	17	29	39	81	156	122	195	329	934	55	17	16
	4.5				4.50		4.0.0	242				
16	17	30	41	e84	158	115	189	313	891	50	16	16
17	17	30	42	e89	156	115	181	291	803	45	15	16
18	18	30	43	91	155	116	183	294	538	4 0	15	16
19	19	30	e39	93	154	115	189	288	482	36	15	16
20	19	30	e40	92	153	119	188	282	453	34	14	16
21	20	31	e42	91	148	132	183	296	375	31	15	16
22	21	31	43	92	143	132	179	307	318	28	17	16
23	21	32	40	93	139	129	173	321	310	25	18	17
24	22	33	e38	97	139	128	174	340	287	24	23	18
25	23	33	e39	100	141	126	170	414	271	26	19	18
26	24	33	e37	102	139	126	182	532	255	3 0	18	18
27	24	33	e39	105	135	127	197	624	234	27	18	17
28	25	33	e41	114	124	126	213	712	215	24	17	17
29	25	34	e38	122		123	206	819	203	24	16	18
30	26	34	41	123		122	215	954	199	24	15	18
31	26		e46	121		125		990		22	15	
TOTAL	564	931	1175	2571	3686	3986	5494	11689	22974	2042	612	489
MEAN	18.2	31.0	37.9	82.9	132	129	183	377	766	65.9	19.7	16.3
	26		46	123	158	164	215	990		183	42	18
MAX		50							1420			
MIN AC-FT	11 1120	23 1850	33 2330	50 5100	90 7310	115 7910	137 10900	213 23190	199 45570	22 4050	14 1210	15 970
CMAMICM	ITGG OF MC	NULL V MES	N DAMA D	OD MARIED	VENDO 1001	2002	, BY WATER					
SIAIISI	ICS OF MC	NIHLI MEA	IN DATA F	JR WAIER	IEARS 1991	- 2003	, BI WAIER	IEAR (WI	,			
MEAN	40.1	73.0	95.3	169	243	527	598	843	1107	337	56.9	23.3
MAX	137	210	253	667	564	1433	1369	1939	2581	1300	216	72.9
(WY)	1999	1999	1997	1997	1997	1997	1996	1998	1995	1995	1998	1998
MIN	8.51	20.9	33.7	38.7	45.1	129	148	159	37.5	7.87	2.93	2.49
(WY)	1992	2002	1993	1993	1993	2003	1991	1992	1992	1992	1992	1992
SUMMARY	STATISTI	CS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEARS	3 1991 -	2003
ANNUAL	TOTAL			63259			56213					
ANNUAL	MEAN			173			154			357		
	ANNUAL M	IEAN								728		1997
	ANNUAL ME									79.8		1992
	DAILY ME			1090	Jun 7		1420	Jun 5		5040	Jun 9	
	DAILY MEA			10			11	Oct 1		1.6		
		MINIMUM		10	Aug 31		13	Oct 1			Sep 18	
	PEAK FLC			10	nug 50		1460			5140		
	I PEAK FLO							0 Jun 5		8.57		
	RUNOFF (A			125500			111500	o oun 5		258900	o un S	, 1000
				517			311			1100		
	ENT EXCEE											
	ENT EXCE			56			66			118		
90 PERCENT EXCEEDS				12			16			14		

e Estimated

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°49'30", long 116°35'00", in SW ¹/₄ NE ¹/₄ sec.17, T.34 N., R.48 E., Eureka County, Hydrologic Unit 16040106, at mouth of canyon on left bank, and 22 mi northeast of Battle Mountain.

DRAINAGE AREA.--864 mi².

PERIOD OF RECORD.--March 1918 to September 1925 (fragmentary October 1923 to April 1925), March 1927 to May 1929 (fragmentary), October 1945 to current year.

REVISED RECORDS.--WSP 1214: 1950 (M); WSP 1714: 1959; WDR NV-76-1: 1971 (P), 1974 (P); WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,670 ft above NGVD of 1929, estimated from nearby U.S. Coast and Geodetic Survey bench mark. Prior to March 26, 1918, nonrecording gage at site about 11 mi upstream at different datum. March 26, 1918, to October 28, 1970, water-stage recorder at site 0.4 mi upstream, at the following datums: at different datum March 26, 1918, to January 3, 1946; at datum 9.45 ft higher January 4, 1946, to July 23, 1964; at datum 7.35 ft higher July 23, 1964, to October 31, 1968; and at datum 6.34 ft higher November 1, 1968, to October 28, 1970.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Several diversions for irrigation in valleys upstream. Station is above all diversions in Boulder Flat. Flow can be affected by Willow Creek Reservoir in Squaw Valley, 30 mi upstream, usable capacity, 18,000 acre-ft. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,800 ft³/ s, February 11, 1962, gage height, 6.89 ft; maximum gage height, 6.91 ft, January 3, 1997; no flow at times during summer months in some years

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge at 75 $\mathrm{ft}^3/$ s and maximum (*): Discharge Gage height Discharge Gage height $(ft^3/$ $(ft^3/$ (ft) (ft) Time Time Date Date s) July 25 May 10 1100 81 2.95 1330 *118 *3.12 DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC JAN FEB APR JUN JUL AUG SEP MAR MAY e4.0 0.11 0.15 3.6 13 1.6 2.8 e2.0 e3.8 3.6 4.0 4.5 0.10 2 1.8 3.3 2.0 13 1.1 0.22 1.9 3.2 21 13 0.97 0.25 2.1 e2.0 e3.6 3.6 3.1 2.5 13 0.79 0.18 0.30 5 1.4 e2.0 3.5 e3.3 3.1 5.2 37 15 0.67 0.14 0.44 6 7 2.3 1.6 e1.9 e3.4 e3.1 3.2 5 3 47 14 0 54 0 11 0.56 e2.7 2.4 2.0 e1.9 e3.0 3.2 5.8 13 0.08 44 0.38 0.46 2.2 2.6 1.9 e2.8 2.9 e2.8 3 4 5.4 44 12 0 23 0.06 0.45 3.7 4.8 e1.9 e3.2 3.0 57 11 0.16 0.08 0.53 10 2.0 4.3 4.1 e3.4 2.9 4.4 75 e2.0 9.5 0.11 0.07 0.85 4.5 11 2.0 e2.4 4.6 2.9 8.8 0.05 0.04 0.96 5.3 e3.6 74 12 13 2.1 4.2 3.2 3.9 4.7 5.3 2.8 4.3 7.9 7.3 0.00 0.01 69 0.86 64 2.2 3.5 5.4 1.2 14 3.3 3.3 2.7 52 6.6 0.00 0.00 6.5 15 2.9 3.3 3.2 41 0.00 6.0 0.00 16 2.4 2.9 3.3 3.3 4.8 4.6 5.7 3.5 5.5 0.00 0.00 0.96 2.4 4.5 6.7 7.2 0.00 4.3 32 0.00 0.89 17 3.1 0.88 18 2.5 2.6 e2 8 3.1 3.8 5.3 3 1 3.8 0 00 0 00 2.6 2.9 2.5 e2.4 3.9 0.00 5.0 3.9 19 30 0.00 0.92 2.8 20 2.5 2.6 2.9 3.7 4.9 6.4 29 3.8 0.00 0.00 0.87 2.5 7.6 0.00 22 2.5 2.4 e2.8 2.9 3.3 4.8 11 30 3.3 0.00 0.00 0.99 23 2.6 2.5 e2.5 3.1 3.3 13 30 3.3 0.00 0.00 1.0 2.4 2.6 2.4 3.3 3.9 3.3 4.5 11 2.7 3.3 0.00 0.00 1.1 2.6 27 25 e2.1 e3.1 12 3.2 0.00 1.0 4.1 3.6 4.6 4.2 26 2.7 e1.9 e2.6 4.7 4.8 16 22 3.0 0.05 0.00 1.0 3.6 27 2.7 2.0 2.7 0.00 e2.9 5.0 3.5 5.1 16 20 0.01 1.0 0.99 3.9 5.6 3.6 5.4 18 16 0.00 29 30 2.8 2.3 e3.5 e3.5 5.1 5.2 18 2.0 0.09 0.00 4.8 1.6 0.00 16 18 0.11 0.97 2.2 4.6 31 16 0.12 TOTAL 72.3 77.7 86.3 2.78 115.9 105.7 1099 213.3 10.98 124.8 238.6 23.78 2.59 3.74 5.6 35.5 75 0.037 MEAN 2.33 4.03 7.95 7.11 0.35 0.79 5.4 2.8 5.3 3.9 5.4 16 15 0.18 MIN 1.7 1.4 2.8 2.7 4.1 16 1.6 0.00 0.00 0.15 AC-FT 143 154 171 230 210 473 2180 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1918 2003, BY WATER YEAR (WY) 19.5 MEAN 3.26 4.39 52.4 106 91.9 30.2 4.04 1.28 2.04 15.5 1984 24.6 1997 MAX 48 1 19.5 104 269 385 630 1178 725 174 35.6 1998 1997 1984 1997 1986 1984 1952 1998 1984 (WY) 1984 0.077 1956 MIN 0 77 0 50 0 30 1 00 2 93 1 10 0.85 0 15 0.000 0.000 0.000 1919 1919 (WY) 1962 1949 1949 1922 1963 1968 1992 1961 1919 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1918 - 2003 ANNUAL TOTAL 5129.43 2169.50 ANNUAL MEAN HIGHEST ANNUAL MEAN 39.0 14.1 5.94 235 1984 LOWEST ANNUAL MEAN HIGHEST DAILY MEAN 2.27 3510 Feb 10 1962 Feb 21 75 166 May 10 LOWEST DAILY MEAN ANNUAL SEVEN-DAY MINIMUM 0.00 0.00 Jul 23 0.00 Jul 12 Jul 1918 6 Jul 6 1918 Jul 14 1918 0.00 Jul 23 0.00 Jul 12 0.00 MAXIMUM PEAK FLOW 118 Jul 2.5 4800 MAXIMUM PEAK STAGE 6.91 3.12 Jul 25 Jan 3 1997 ANNUAL RUNOFF (AC-FT)
10 PERCENT EXCEEDS 4300 28280 10170 45 14 98 PERCENT EXCEEDS 2.8 3.0

0.05

0.04

0.03

90 PERCENT EXCEEDS

e Estimated

10324700 BOULDER CREEK NEAR DUNPHY, NV

 $LOCATION.--Lat~40^{\circ}57'04", long~116^{\circ}26'39", in~NE~^{1}/_{4}~SE~^{1}/_{4}~sec. 33, T.36~N., R.49~E., Eureka~County, Hydrologic~Unit~16040105, on~left~bank, approximately~20~mi~north~of~Dunphy.$

DRAINAGE AREA.--76.7 mi².

PERIOD OF RECORD.--February 1991 to June 1993. Seasonal (January-June) record since June 1993.

GAGE.--Water-stage recorder. Elevation of gage is 5,010 ft above NGVD of 1929, from topographic map.

REMARKS .-- No estimated daily discharges. Records fair. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 440 ft³/ s, January 2, 1997, gage height, 4.40 ft; no flow many days, most years. EXTREMES FOR CURRENT YEAR.--Maximum discharge during January to June, 36 ft³/s, May 9, gage height, 2.65 ft; no flow many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
		DIS	CHARGE, CC	DIC PEEL I		LY MEAN VA		. 2002 10 .	JEFTEMBER .	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				0.00	0.00	0.00	0.00	2.6	1.7			
2				0.00	0.00	0.00	0.00	2.6	1.4			
3				0.00	0.00	0.00	0.00	4.7	0.44			
4				0.00	0.00	0.00	0.00	7.4	0.00			
5				0.00	0.00	0.00	0.00	8.7	0.00			
6				0.00	0.00	0.00	0.00	8.4	0.00			
7				0.00	0.00	0.00	0.00	8.1	0.00			
8				0.00	0.00	0.00	0.00	10	0.00			
9 10				0.00	0.00	0.00	0.00	19 11	0.00			
10				0.00	0.00	0.00	0.00	11	0.00			
11				0.00	0.00	0.00	0.00	8.7	0.00			
12				0.00	0.00	0.00	0.00	20	0.00			
13				0.00	0.00	0.00	0.00	9.5	0.00			
14				0.00	0.00	0.00	0.00	4.8	0.00			
15				0.00	0.00	0.00	0.00	0.81	0.00			
16				0.00	0.00	0.00	0.00	0.00	0.00			
17				0.00	0.00	0.00	0.00	0.00	0.00			
18				0.00	0.00	0.00	0.00	0.00	0.00			
19				0.00	0.00	0.00	0.00	0.00	0.00			
20				0.00	0.00	0.00	0.00	0.69	0.00			
21				0.00	0.00	0.00	0.00	0.00	0.00			
22				0.00	0.00	0.00	0.00	0.00	0.00			
23				0.00	0.00	0.00	0.00	0.09	0.00			
24				0.00	0.00	0.00	0.00	5.3	0.00			
25				0.00	0.00	0.00	0.00	6.0	0.00			
26				0.00	0.00	0.00	0.00	5.1	0.00			
27				0.00	0.00	0.00	0.00	4.1	0.00			
28				0.00	0.00	0.00	1.3	3.1	0.00			
29				0.00		0.00	2.1	2.4	0.00			
3 0				0.00		0.00	2.2	2.1	0.00			
31				0.00		0.00		1.8				
TOTAL				0.00	0.00	0.00	5.60	156.99	3.54			
MEAN				0.000	0.000	0.000	0.19	5.06	0.12			
MAX				0.00	0.00	0.00	2.2	20	1.7			
MIN				0.00	0.00	0.00	0.00	0.00	0.00			
AC-FT				0.00	0.00	0.00	11	311	7.0			
STATIST	rics of Mo	ONTHLY ME	AN DATA I	FOR WATER	YEARS 199	1 - 2003,	BY WATER	YEAR (WY	()			
MEAN	0.000	0.000	0.000	3.68	5.71	11.6	10.7	13.8	1.39	0.000	0.000	0.007
MAX	0.000	0.000	0.000	38.5	44.8	57.6	40.2	80.7	14.4	0.000	0.000	0.014
(WY)	1992	1992	1992	1997	1996	1993	1998	1998	1998	1991	1991	1991
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1992	1992	1992	1992	1991	1991	1991	1992	1992	1991	1991	1992
SUMMARY	Y STATIST	ICS		WATER Y	EARS 1991	- 2003						
ANNUAL	MEAN			0	.085							
HIGHEST	r annual i	MEAN		0	.085	1992						
					.085							
					Jan							
					.00 Feb							
					.00 Feb Jan							
					Jan .40 Jan							
					.40 Dan	- 1001						
	CENT EXCE				.00							
	CENT EXCE				.00							
90 PERG	CENT EXCE	EDS		0	.00							

10325000 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°40'04", long 116°55'49", in NE ¹/₄ NW ¹/₄ sec.8, T.32 N., R.45 E., Lander County, Hydrologic Unit 16040105, on left bank, downstream side of bridge on State Highway 806, 2 mi north of Battle Mountain, and at mi 249.01 above Derby Road bridge. Reese River enters Humboldt River several miles below station.

DRAINAGE AREA.--8,860 mi².

PERIOD OF RECORD.--May 1896 to December 1897, March 1921 to April 1924, October 1945 to September 1981, February 1991 to current year. REVISED RECORD.--WSP 1564: 1897-98, 1923; WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4489.04 ft above NGVD of 1929, from levels by the U.S. Geological Survey. Prior to March 1, 1921, nonrecording gage 1.3 mi upstream and March 1, 1921, to April 19, 1924, nonrecording gage 0.8 mi upstream, both at different datums. October 1945 to September 10, 1972, water-stage recorder at site 1.0 mi upstream at datum 4.79 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Records prior to 1969 (except the maximum for the period of record) do not always include flow in secondary channels or ditches at medium-high stages, much of which was used for irrigation. Many diversions above station for irrigation. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,800 ft³/ s, May 3, 1952, maximum gage height, 10.62 ft, June 12, 1995; no flow some days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,460 ft³/s, June 5, gage height, 7.62 ft; no flow, October 1-5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

10327500 HUMBOLDT RIVER AT COMUS, NV

LOCATION.--Lat 40°59'32", long 117°19'00", in SE $^1/_4$ SE $^1/_4$ sec.14, T.36 N., R.41 E., Humboldt County, Hydrologic Unit 16040105, on left bank, at Comus siding of Southern Pacific Railroad, 9.0 mi northeast of Golconda, 1.0 mi upstream of Kelly Creek, 32 mi northwest of Battle Mountain, and at mi 191.48 above Derby Road bridge.

DRAINAGE AREA.--12,217 mi², at current location at Comus railroad siding.

PERIOD OF RECORD.--October 1894 to December 1909, September 1910 to September 1926, October 1945 to current year. Published as "near Golconda" prior to October 1917.

REVISED RECORDS.--WSP 1514: 1921-22, 1926. WSP 1314: 1904, 1907-8, 1911-13, 1916-17; WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,350 ft, above NGVD of 1929, from topographic map. Prior to September 25, 1917, nonrecording gages at several sites in vicinity of present location at different datums. September 25, 1917, to June 30, 1923, and May 23, 1925, to May 31, 1926, nonrecording gages at several sites within 7.0 mi of present site at different datum, October 1, 1945 to December 11, 1997 at site 6.5 mi upstream at different datum. December 12, 1997 to March 2, 2000, at site 6.5 mi downstream at Preble bridge. March 7, 2000, gage moved back to upstream site at Comus railroad siding.

REMARKS.--No estimated daily discharges. Records fair. Many diversions above station for irrigation, 206,000 acres, additional acreage not covered by decree. Flows significantly influenced by discharge into river from mine de-watering approximately 15.5 mi upstream. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,900 ft³/s, April 24, 1984, gage height, 12.25 ft; no flow at times some years. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 761 ft³/s, June 13, gage height, 5.83 ft; minimum daily, 0.29 ft³/s, December 2.

		DISC	CHARGE, CUB	IC FEET PER		WATER YE Y MEAN VA	AR OCTOBER 2 LUES	2002 TO SE	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	21	0.75	61	101	96	143	192	461	213	29	34
2	28	22	0.29	57	98	93	146	200	510	201	29	40
3	29	22	1.3	53	94	92	146	211	540	184	29	44
4	7.1	22	1.7	65	97	92	146	210	579	171	30	41
5	27	19	1.9	63	94	94	148	222	614	156	29	33
6	24	16	2.0	65	92	95	146	234	505	143	28	7.2
7	22	16	2.5	60	88	94	149	230	462	129	30	3.6
8	21	17	5.3	55	76	93	162	232	478	119	52	3.3
9 10	16 15	15 18	16 24	63 79	73 78	95 104	174 179	230 241	542 622	111 105	30 27	3.3 17
10	13	10	24	7.5	7.0	104	179	241	022	105	21	1/
11	15	27	25	68	93	110	183	237	628	97	25	23
12	15	36	26	63	112	116	179	250	614	87	27	18
13	19	41	25	69	128	122	177	253	635	84	30	19
14	31	50	28	73	121	116	167	258	616	78	33	18
15	34	44	29	75	105	109	165	270	607	74	31	21
16	33	49	31	81	95	101	164	269	604	69	27	20
17	32	49	3.8	84	100	100	173	194	634	60	29	23
18	34	48	3.8	86	109	96	172	175	662	53	32	5.5
19	33	40	36	76	110	92	162	178	641	48	31	13
20	35	41	36	77	107	108	160	187	565	44	4.9	24
0.1	2.6	2.0	2.6	0.0	100	100	1.65	150	F.0.6	4.1	1 0	0.0
21 22	36 37	38 37	36	80 82	103 105	120	165 170	179	506	41 36	1.9	29 29
23	38	36	36 37	85	105	120		175	468	36	4.4	21
24	39	33	38	85	105	117 101	177 178	180 184	418 372	34	43	17
25	39	28	40	86	104	120	175	190	335	36	26 29	22
23	37	20	40	00	100	120	1/3	150	333	30	23	22
26	36	29	44	99	99	126	178	202	308	3 7	34	24
27	38	4.7	46	89	98	128	175	266	285	3 6	37	5.5
28	37	1.5	54	91	97	133	185	283	267	3 4	34	11
29	36	1.4	54	86		141	189	315	245	3 3	32	21
30	26	1.0	56	82		140	193	359	226	31	32	25
31	21		69	84		143		398		29	33	
TOTAL	875.1	822.6	877.74	2322	2782	3407	5026	7204	14949	2609	889.2	615.4
MEAN	28.2	27.4	28.3	74.9	99.4	110	168	232	498	84.2	28.7	20.5
MAX	39	50	69	99	128	143	193	398	662	213	52	44
MIN	7.1	1.0	0.29	53	73	92	143	175	226	29	1.9	3.3
AC-FT	1740	1630	1740	4610	5520	6760	9970	14290	29650	5170	1760	1220
STATIST	rics of M	ONTHLY ME	AN DATA FO	OR WATER YE	ARS 1895	5 - 2003,	BY WATER	YEAR (WY)				
MEAN	33.0	64.1	97.4	142	256	524	738	755	875	415	73.8	21.6
MAX	259	386	791	762	873	3267	5312	6227	4630	1930	636	190
(WY)	1985	1984	1984	1984	1984	1983	1984	1984	1984	1984	1984	1984
MIN	0.045	0.10	0.090	0.10	0.16	25.0	57.8	9.79	3.33	0.079	0.084	0.000
(WY)	1954	1955	1961	1955	1955	1896	1920	1918	1918	1992	1954	1920
	Y STATIST	TCS	FOR 3	2002 CALENI	DAR VEAR		FOR 2003 WA			WATER YEAR		
		100	1011 1		12	-		1211 12111		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1033	2003
ANNUAL ANNUAL				54527.44 149			42379.04 116			333		
		MEAN		147			110			2022		1984
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN									36.8		1920	
HIGHEST DAILY MEAN				Jun 11		662	Jun 18		9640			
LOWEST DAILY MEAN			0.29	Dec 2		0.29	Dec 2		0.0	Sep 16	1905	
ANNUAL SEVEN-DAY MINIMUM			1.1	Nov 28		1.1	Nov 28) Jan 1		
MAXIMUN	M PEAK FL	OW					761	Jun 13		9900	Apr 24	1984
MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE							5.83	Jun 13		12.2	5 Apr 24	1984
ANNUAL	RUNOFF (AC-FT)		108200			84060			240900		
10 PERC	CENT EXCE	EDS		414			255			916		
50 PERC	CENT EXCE	EDS		49			73			114		
90 PERCENT EXCEEDS				20			18			0.83	2	

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV

 $LOCATION.-Lat~41^{\circ}24'55", long~117^{\circ}22'22", in~NW~^{1}/_{4}~SE~^{1}/_{4}~sec. 20, T.41~N., R.41~E., Humboldt~County, Hydrologic~Unit~16040109, on~right~bank, 3.5~mi~downstream~from~Bull~Head~Ranch, and 9.5~mi~southeast~of~Paradise~Valley.$

DRAINAGE AREA.--1,030 mi², approximately.

PERIOD OF RECORD.--October 1921 to June 1928 (fragmentary), October 1943 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,470 ft, from river-profile map. Prior to November 21, 1946, water-stage recorder at site 1 mi downstream at different datum. November 21, 1946, to August 16, 1972, at site 250 ft upstream at datum 2.21 ft higher, August 16, 1972 to January 7, 1998 at same site at datum 3.0 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Chimney Dam Reservoir, capacity, 35,000 acre-ft, 10 mi upstream, since 1975. Records not adjusted for storage. Diversions for irrigation of 4,450 acres, Little Humboldt Decree, above station. Station is above all diversions in Paradise Valley. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge prior to dam, 2,380 ft³/ s, January 21, 1969, gage height, 8.40 ft; maximum discharge after dam completed, 678 ft³/ s, May 15, 1984, gage height, 6.46 ft; minimum daily before dam, 4.0 ft³/ s, January 7, 1970; minimum daily after dam, 4.1 ft³/ s, July 30, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 43 ft³/s, May, 17, gage height, 3.73 ft; minimum daily, 6.9 ft³/s, August 15-21, 24-31, and September 1-2.

		DISC	CHARGE, CU	BIC FEET PI		WATER YE. 7 MEAN VA	AR OCTOBER LUES	2002 TO S	EPTEMBER	2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	7.1	7.4	8.9	8.7	8.7	8.3	8.7	11	22	7.2	7.4	6.9	
2	7.2	7.4	9.0	8.7	8.6	8.3	8.7	11	19	7.2	7.6	6.9	
3	7.2	7.5	9.0	8.7	8.6	8.4	8.7	10	13	7.3	7.5	7.0	
4	7.3	7.4	9.0	8.7	8.6	8.4	8.7	17	14	7.3	7.5	7.0	
5	7.3	7.4	9.0	8.6	8.4	8.3	8.7	19	13	7.4	7.5	7.0	
6 7	7.3 7.4	7.4 7.5	8.9 9.0	8.6 8.6	8.4	8.3	8.8 8.7	20 20	13 8.4	7.5 7.5	7.5 7.4	7.0 7.0	
8	7.4	8.8	8.9	8.6	8.4	8.3	8.7	21	8.0	7.5	7.4	7.0	
9	7.4	9.2	8.9	8.7	8.3	8.3	8.8	21	8.0	7.5	7.4	7.0	
10	7.4	9.2	8.8	8.6	8.3	8.4	8.8	30	7.9	7.5	7.4	7.0	
11	7.4	9.0	8.8	8.7	8.3	8.4	8.9	34	7.8	7.6	7.4	7.0	
12	7.4	9.0	8.8	8.6	8.4	8.4	10	3 4	7.9	7.4	7.5	7.0	
13	7.5	9.0	8.9	8.7	8.5	8.4	9.9	34	7.8	7.3	7.4	7.0	
14	7.5	9.0	8.9	8.6	8.5	8.4	10	3 5	7.4	7.3	7.3	7.0	
15	7.6	9.0	8.9	8.6	8.5	8.5	9.9	37	7.2	7.3	6.9	7.0	
16	7.6	9.0	9.0	8.6	8.5	8.4	9.8	37	7.2	7.3	6.9	7.0	
17	7.6	9.0	9.0	8.5	8.5	8.4	10	3 7	7.1	7.4	6.9	7.0	
18	7.6	9.0	8.9	8.6	8.4	8.4	10	37	7.1	7.4	6.9	7.0	
19 20	7.6 7.7	9.0 9.0	8.8 8.7	8.6 8.6	8.3	8.4	9.8 9.7	37 37	7.2 7.2	7.4 7.4	6.9 6.9	7.0 7.0	
20													
21	7.8	9.0	8.7	8.6	8.3	8.3	9.7	3 7	7.2	7.4	6.9	7.0	
22	7.8	9.0	8.7	8.5	8.3	8.4	10	3 7	7.2	7.3	7.0	7.0	
23	7.6	9.0	8.7	8.5	8.3	8.4	10	3 6	7.3	7.4	7.0	7.0	
24	7.5	8.9	8.7	8.6	8.3	8.4	10	36	7.3	7.5	6.9	7.0	
25	7.5	8.9	8.6	8.6	8.3	8.4	10	35	7.3	7.6	6.9	7.0	
26	7.5	8.9	8.7	8.6	8.2	8.6	10	35	7.3	7.5	7.0	7.0	
27	7.4	8.9	8.7	8.6	8.2	8.5	10	3 5	7.3	7.4	7.0	7.0	
28	7.5	8.9	8.8	8.6	8.3	8.4	10	3 4	7.2	7.4	6.9	7.0	
29	7.5	8.9	8.8	8.7		8.4	10	3 3	7.2	7.3	6.9	7.0	
3 0	7.4	8.9	8.8	8.6		8.4	10	3 3	7.2	7.4	6.9	7.0	
31	7.4		8.8	8.6		8.5		3 0		7.4	6.9		
TOTAL	231.4	258.5	274.1	267.1	235.1	260.1	285.0	920	272.7	229.3	221.9	209.8	
MEAN	7.46	8.62	8.84	8.62	8.40	8.39	9.50	29.7	9.09	7.40	7.16	6.99	
MAX	7.8	9.2	9.0	8.7	8.7	8.6	10	37	22	7.6	7.6	7.0	
MIN	7.1	7.4	8.6	8.5	8.2	8.3	8.7	10	7.1	7.2	6.9	6.9	
AC-FT	459	513	544	530	466	516	565	1820	541	455	440	416	
STATIST	TICS OF M	ONTHLY ME.	AN DATA F	OR WATER Y	ZEARS 1975	- 2003,	BY WATER	YEAR (WY)				
MEAN	8.94	9.30	9.41	9.28	10.9	12.7	36.4	62.9	48.2	24.4	17.5	12.1	
MAX	28.8	29.1	26.0	25.3	27.4	43.2	188	404	249	78.7	57.9	46.5	
(WY)	1985	1985	1985	1985	1985	1984	1984	1984	1983	1983	1983	1986	
MIN	6.14	6.75	7.20	6.99	6.85	7.93	7.98	8.00	6.11	6.57	5.94	6.62	
(WY)	1995	1989	1999	1981	1995	1997	1994	1992	1992	1992	1992	1992	
SUMMARY	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR	F	OR 2003 W	ATER YEAR		WATER YEA	RS 1975 -	2003	
ANNUAL	TOTAL			5604.7			3665.0						
ANNUAL				15.4			10.0			21.9	ı		
	r annual i	MEAN								80.2		1984	
	ANNUAL M										6		
	HIGHEST DAILY MEAN			68	Apr 26		37	May 15			May 17		
	DAILY ME				Aug 30			Aug 15			Jul 30		
		Y MINIMUM			Sep 1		6.9	_		4.5			
	M PEAK FL				-		43			678			
MAXIMUM PEAK STAGE						3.73 May 17				6.46 May 15 1984			
	RUNOFF (11120			7270	-		15850			
	CENT EXCE			39			10			49			
50 PERG	CENT EXCE	EDS		7.8			8.4			9.1			
90 PERG	CENT EXCE	EDS		6.8			7.0			7.0			

10329500 MARTIN CREEK NEAR PARADISE VALLEY, NV

 $LOCATION.--Lat~41°32'05", long~117°25'01", in~SE~^{1}{}_{4}~NW~^{1}{}_{4}, sec.12, T.42~N., R.40~E., Humboldt~County, Hydrologic~Unit~16040109, on~left~bank, 0.6~mi~upstream~from~Humboldt~County~Recreation~Park, and 7~mi~northeast~of~Paradise~Valley.$

DRAINAGE AREA.--175 mi².

PERIOD OF RECORD.--October 1921 to current year.

REVISED RECORDS.--WSP 1514: 1925-27 (M), 1930 (M), 1933 (M), 1938 (M), 1940, 1945; WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,700 ft above NGVD of 1929, from extension of river-profile map. Prior to October 22, 1946, water-stage recorder at several sites within 400 ft of present site at different datums.

REMARKS.--Records fair except for estimated daily discharges, which are poor . No diversions above station. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,000 ft³/ 3 / 3 / 3 , January 21, 1943, gage height, 11.10 ft, site and datum then in use, on basis of slope area measurement of peak flow; minimum daily, 2.0 ft³/ 3

Discharge Gage height

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft³/ s and maximum (*):

					ate Time	(ft ³ /	s) (ft)					
					y 30 2045	*132	*1.69					
		DISC	HARGE, CU	BIC FEET P		WATER MEAN	YEAR OCTOBER VALUES	2 2002 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	7.9	9.8	10	e15	12		3 0	e87	9.2	5.4	6.2
2	8.0	7.9	9.8	11	e14	11		e31	e70	9.0	6.8	6.4
3 4	8.0 8.4	8.4 8.7	9.3 9.7	11	e13	12 12		e33	61	8.7 8.3	6.9 6.8	6.3 6.2
5	8.1	8.7	9.7	12 12	e13 e12	12		e35 e39	54 49	8.0	6.4	6.4
6 7	8.0	8.7 8.8	9.8 9.2	11 10	e12 11	12 12		41 42	43 40	7.6 7.4	6.1 5.9	6.3 6.2
8	8.0	11	8.6	11	12	12		44	38	7.1	5.8	6.3
9	8.0	11	9.5	12	12	13	3 0	53	36	7.0	5.7	6.9
10	8.0	11	10	12	12	13	35	54	33	6.8	5.5	7.5
11	8.0	9.7	10	12	12	13	39	57	30	6.6	5.5	7.4
12	8.0	9.6	10	12	13	13		62	28	6.3	5.5	7.0
13	8.0	9.6	10	12	13	14		67	26	6.1	5.5	6.8
14	8.0	9.6	11	13	14	16		74	24	6.1	5.4	6.9
15	8.0	9.6	11	13	13	17	37	8 0	22	5.9	5.5	6.9
16	8.0	9.5	11	12	14	19		86	20	5.8	5.4	6.8
17 18	8.0 8.0	9.6 9.7	12 10	12 12	13 13	18 17		81 72	19 18	5.8 5.7	5.4 5.5	6.9 7.0
19	8.0	9.7	9.0	12	12	16		67	18	5.7	5.5	7.0
20	8.1	9.6	11	12	12	16		59	18	5.9	5.4	6.9
21	8.3	9.6	11	12	12	15	35	52	17	5.9	5.6	6.9
22	8.8	9.8	11	12	12	16		68	16	5.7	6.4	6.9
23	8.9	10	10	13	12	17		82	16	5.5	6.8	6.9
24	8.7	10	9.8	15	12	18	45	95	15	5.8	6.4	6.8
25	8.6	10	9.6	15	11	17	44	104	14	6.4	6.1	6.8
26	8.5	9.6	10	16	11	31	44	93	13	6.7	6.3	6.8
27	8.4	9.7	12	17	12	37		91	12	6.4	7.4	6.8
28	8.5	9.8	12	e16	12	27		100	11	6.1	6.7	6.9
29	8.4	9.8	12	e16		26		e98	10	5.7	6.4	6.9
30 31	8.4 8.1	9.9	12 12	16 e15		25 26		e107 e97	9.8	5.5 5.4	6.4 6.4	6.9
												202 0
TOTAL MEAN	254.2 8.20	286.4 9.55	321.6 10.4	397 12.8	349 12.5	535 17.3		2094 67.5	867.8 28.9	204.1 6.58	186.8 6.03	203.0 6.77
MAX	8.9	11	12	17	15	37		107	87	9.2	7.4	7.5
MIN	8.0	7.9	8.6	10	11	11		3 0	9.8	5.4	5.4	6.2
MED	8.0	9.6	10	12	12	16	36	67	21	6.1	5.9	6.9
AC-FT	504	568	638	787	692	1060	2080	4150	1720	405	371	403
STATIST	TICS OF M	ONTHLY ME	AN DATA I	FOR WATER	YEARS 1922	- 200	3, BY WATER	R YEAR (WY)			
MEAN	7.78	9.55	12.0	19.7	31.4	55.1		111	55.3	11.9	5.92	6.17
MAX	13.8	19.6	70.4	149	291	219		500	319	50.1	13.2	9.00
(WY)	2001	1982	1965	1943	1986	1986		1984	1983	1983	1983	1984
MIN (WY)	4.97 1932	5.10 1932	5.00 1931	5.87 1937	7.14 1929	9.83 1977		14.7 1931	6.43 1931	4.65 1931	3.64 1981	4.20 1937
	STATIST			2002 CALE			FOR 2003 T			WATER YEAR		
ANNUAL	TOTAL			10751.0			6749.5	9				
ANNUAL				29.5			18.			34.4		
	ANNUAL									108		1984
	ANNUAL M DAILY M			210	Apr 15		107	May 30		8.18 2500	3 Jan 21	
	DAILY ME			5.2	Aug 13			1 Jul 31		2.0	Sep 1	1928
		Y MINIMUM			Aug 12			4 Aug 14		2.0	Sep 1	1928
	M PEAK FL						132	May 30		9000	Jan 21	1943
	1 PEAK ST							69 May 30) Jan 21	1943
	RUNOFF (21320			13390			24940		
	CENT EXCE			82 9.8			41 11			96 10		
	CENT EXCE			5.9			6.2	2		5.7		

e Estimated

HUMBOLDT RIVER BASIN

10333000 HUMBOLDT RIVER NEAR IMLAY, NV

 $LOCATION.-Lat\ 40^{\circ}41^{\circ}33^{\circ},\ long\ 118^{\circ}12^{\circ}12^{\circ},\ in\ NW^{1}/_{4}\ SE^{1}/_{4},\ sec.\ 25,\ T.33\ N.,\ R.33\ E.,\ Pershing\ County,\ Hydrologic\ Unit\ 16040108,\ on\ right\ bank,\ 1\ mi\ upstream\ from\ Callahan\ bridge,\ 4\ mi\ northwest\ of\ Imlay,\ and\ at\ mi\ 75.00\ above\ Derby\ Road\ bridge.$

DRAINAGE AREA.--15,504 mi².

PERIOD OF RECORD.--June 1935 to December 1941, April 1945 to current year.

REVISED RECORDS.--WSP 1714: Drainage area; WDR NV-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,130 ft above NGVD of 1929, from Geological Survey vertical-angle bench mark. Prior to April 28, 1945, at site 1 mi downstream at different datum. April 28, 1945, to August 20, 1947, at present site at datum 1 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Humboldt-Lovelock Irrigation, Light and Power Co.'s feeder canal diverts water at times from river above station to Pitt-Taylor Reservoirs. Flow affected by many diversions above station for irrigation. See schematic diagram of Humboldt River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,270 ft³/ s, May 27, 1984, gage height, 13.20 ft; no flow at times, some years. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 391 ft³/s, June 27, gage height, 4.71 ft; minimum daily, 0.39 ft³/s, September 30.

AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1986 1984 1984 1984 1984 1984 1984 1984 1984			DISC	HARGE, C	UBIC FEET PE		WATER YI	EAR OCTOBER 2 ALUES	002 TO SE	PTEMBER	2003			
2	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	1	8.7	15	31	25	80	120	107	140	112	272	30	3.2	
4	2	9.4	16	28	3 0	81	120	107	142	112	236	29	3.7	
S	3	11	16	24	31	83	120	105	147	171	213	26	4.2	
Color	4	13	e16	23	33	84	119	108	152	202	182	23	3.8	
The color of the	5	15	e18	e21	35	e84	120	108	147	213	174	20	3.6	
8 13 25 e18 e43 e90 112 111 132 93 147 16 2.5 19 113 12 111 143 110 134 115 2.9 10 13 27 e17 44 e85 114 114 149 135 124 13 4.2 11 12 12 30 e16 46 e88 113 110 144 149 135 124 13 4.2 11 12 12 30 e16 46 e88 113 110 146 141 144 149 135 124 13 4.2 11 12 12 2.9 e16 45 e92 113 120 140 141 140 141 144 149 135 124 13 4.2 11 12 2.8 15 47 97 114 131 140 141 140 141 174 124 151 144 13 30 14 50 92 110 3.7 14 14 13 30 14 50 92 118 136 140 141 98 83 9.8 2.7 14 14 13 30 14 4 50 92 112 137 144 98 83 9.8 2.7 15 15 13 32 4.1 54 110 129 114 154 65 73 8.0 1.6 15 140 141 151 140 141 151 140 141 151 140 141 151 140 141 151 151 151 151 151 151 151 151 151														
9 13 27 e17 44 e80 113 111 143 110 134 15 2.9 10 13 29 e17 44 e85 114 114 114 1149 115 124 13 4.2 11 12 30 e16 46 e88 113 118 146 141 114 12 4.5 112 12 29 e16 45 e92 113 123 140 143 104 11 4.4 113 112 30 14 59 e92 113 123 140 143 104 11 4.4 113 112 30 14 59 e92 112 113 136 140 143 104 11 6.4 11 11 13 30 14 59 92 112 114 131 140 149 92 10 3.7 11 13 32 4.1 59 92 112 115 146 98 81 9.8 11 13 13 30 14 59 92 112 117 144 98 81 9.8 11 13 13 31 3.6 54 105 126 134 149 68 78 8.8 2.0 11 13 32 4.1 54 110 129 134 154 65 73 88.0 1.6 18 14 33 3.7 56 111 127 136 164 82 68 73 88.0 1.6 18 14 33 3.7 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 112 127 138 172 93 64 7.7 0.1 20 14 30 16 58 113 118 139 162 106 60 6.5 11.1 21 15 30 25 59 114 115 142 139 115 56 6.3 1.0 22 15 32 23 60 115 114 115 142 139 152 106 60 6.5 1.1 21 15 30 25 69 114 115 142 139 137 59 45 7.7 0.64 22 15 32 23 60 115 114 117 137 90 51 6.0 0.83 23 16 33 21 63 115 110 143 139 67 46 7.7 0.69 24 16 31 19 68 116 109 139 137 59 45 7.7 0.64 25 17 29 e20 71 120 109 140 105 63 42 661 0.53 27 18 27 e22 74 121 111 140 67 375 88 5.6 0.49 25 17 29 e20 71 120 109 140 105 63 62 42 661 0.53 27 18 32 23 68 1 108 115 110 141 78 20 16 3 42 661 0.53 27 18 32 23 88 1 108 115 110 141 99 13 137 59 45 7.7 0.64 28 18 33 31 81 121 129 147 172 375 38 5.6 0.9 28 18 30 31 142 685 779 991 1991 140 105 63 60 7.7 10 10 10 10 10 10 10 10 10 10 10 10 10														
11 12 30 e16 46 e88 113 118 146 141 114 12 4.5 11 12 29 e16 46 e88 113 118 146 141 114 12 4.5 12 12 29 e16 45 e92 113 123 140 143 104 111 4.5 13 12 28 15 47 97 114 131 140 149 92 10 3.7 14 13 30 14 50 92 118 136 140 141 187 10 3.7 15 13 32 5.2 54 97 112 137 144 98 83 9.8 2.7 16 13 31 3.6 54 105 122 137 144 98 83 9.8 2.7 17 13 32 4.1 54 110 129 134 154 65 73 8.8 1.6 18 14 33 3.7 56 111 127 135 164 65 73 8.0 1.6 18 14 33 3.7 56 111 127 135 164 82 68 7.8 8.8 2.0 17 13 31 12 56 111 123 138 172 93 64 7.0 1.6 19 13 31 12 56 111 123 138 172 93 64 7.0 1.3 20 14 30 16 58 113 118 139 162 106 60 6.5 1.1 21 15 30 25 59 114 115 142 139 131 56 6.3 1.00 22 15 32 23 60 115 114 147 137 90 51 6.0 0.83 23 16 33 21 63 115 110 143 139 67 46 7.7 0.64 25 17 29 e20 71 120 109 140 105 63 139 137 59 45 7.7 0.64 25 17 29 e20 71 120 109 140 105 63 139 137 59 45 7.7 0.64 26 18 28 21 71 119 110 141 18 78 230 40 5.6 0.53 27 18 27 e22 74 122 111 14 16 61 313 36 5.2 0.49 28 18 32 24 81 109 140 67 375 88 5.6 0.49 28 18 32 24 81 109 140 67 375 88 5.6 0.49 28 18 32 24 81 109 140 67 375 88 5.6 0.49 28 18 32 24 81 109 140 67 375 88 5.6 0.49 28 18 32 24 81 109 141 62 316 32 3.9 0.33 31 17 24 80 108 177 179 90 51 50 60 0.53 29 18 33 23 38 1 112 111 140 67 375 88 5.6 0.49 29 18 33 11 2 15 15 16 163 279 39 150 157 59 34 40 5.6 0.53 27 18 27 22 62 78 122 114 14 16 61 313 36 5.2 0.49 28 18 32 24 81 109 140 67 375 88 5.6 0.49 29 18 33 23 38 1 112 141 57 290 870 870 870 870 870 870 870 870 870 87														
11														
12 12 29 e16 45 e92 113 123 140 149 92 10 3.7 14 13 13 123 140 149 92 10 3.7 14 13 13 12 140 149 92 10 3.7 14 13 13 12 140 149 92 10 3.7 14 151 13 132 5.2 54 92 122 137 144 98 83 9.8 8.2 7 10 3.3 15 13 13 13 1.6 54 105 126 134 149 68 78 8.8 2.0 17 13 13 12 5.2 54 105 126 134 149 68 78 8.8 2.0 17 13 13 12 5.6 111 127 136 164 82 68 7.4 1.6 19 13 13 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 1.6 19 13 13 11 12 56 111 127 136 164 82 68 7.4 1.6 1.6 19 13 13 11 12 56 111 128 138 172 93 64 7.0 1.3 120 14 13 18 138 162 166 60 6.5 1.1 121 15 13 18 138 172 93 164 7.0 1.3 120 14 14 147 137 90 51 6.0 0.8 122 15 13 12 23 60 115 114 147 137 90 51 6.0 0.8 122 15 13 12 23 16 3 115 110 143 139 67 46 7.7 0.6 42 14 15 14 14 14 137 137 90 51 6.0 0.8 12 14 14 14 14 13 14 14 14 15 14 14 14 15 14 14 14 15 14 14 14 15 14 14 14 15 14 14 14 15 14 14 14 15 14 14 14 14 14 14 14 14 14 14 14 14 14	11	10	2.0	-16	4.6	- 0.0	112	110	146	1 4 1	114	10	4 5	
13														
14														
16 13 31 3.6 5.2 54 92 122 137 144 98 83 9.8 2.7 16 13 31 3.6 54 105 126 134 149 68 78 8.8 2.0 17 13 32 4.1 54 110 129 134 154 65 73 8.0 1.6 18 14 33 3.7 56 111 127 136 164 82 68 7.4 1.6 19 13 31 12 56 111 123 138 172 93 64 7.0 1.3 20 14 30 16 58 113 118 139 162 106 60 6.5 1.1 21 15 30 25 59 114 115 114 147 137 93 156 6.3 1.0 22 15 32 23 60 115 114 147 137 90 51 6.0 0.83 23 16 32 23 60 115 114 147 137 90 51 6.0 0.83 23 16 32 23 60 115 114 147 137 90 51 6.0 0.83 23 16 32 23 60 115 114 147 137 90 51 6.0 0.83 23 16 32 23 60 115 114 117 137 67 46 7.7 0.64 25 17 29 620 71 120 109 140 143 137 67 46 7.7 0.64 25 17 29 620 71 120 109 140 105 63 42 6.1 0.5 26 18 28 21 71 119 110 141 78 20 40 5.6 0.53 27 18 27 622 74 121 111 144 61 31 313 36 5.0 0.49 28 18 32 23 78 121 114 141 61 313 36 5.0 0.49 29 18 33 23 81 109 140 67 375 38 5.6 0.49 29 18 33 23 81 109 141 62 31 33 36 5.0 0.49 29 18 33 23 81 109 141 62 31 33 36 5.0 0.49 29 18 33 23 81 109 141 62 31 33 36 5.0 0.49 30 18 32 24 81 109 141 62 31 33 36 5.2 0.49 31 17 624 80 108 87 31 3.5 TOTAL 438.1 814 567.6 1663 2793 3593 3830 3977 441 3084 362.7 67.01 MEAN 14.1 27.1 18.3 53.6 99.8 116 128 128 128 147 99.5 11.7 2.23 MAX 18 33 31 81 121 129 147 172 375 272 30 4.5 MIN 8.7 15 3.6 685 779 991 1991 4489 622 5355 2340 936 22 EVENT SET OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 180 545 614 685 454 196 198 1994 1995 1992 1992 SUMMARY STATISTICS FOR 202 CALENDAR YEAR FOR 2003, WATER YEAR (WY) MAX 301 412 685 779 991 1991 4489 61984 1984 1984 1984 1984 1984 1984 1984														
17														
17	1.6	1.2	21	2 6	EA	105	126	124	140	60	7.0	0 0	2 0	
18														
19														
14 30 16 58 113 118 139 162 106 60 6.5 1.1														
22														
22	21	15	3.0	2.5	5.0	114	115	142	120	121	5.6	6 3	1 00	
23														
24														
25														
27		17	29		71					63				
27	26	1.8	28	21	71	119	110	141	7.8	230	4.0	5.6	0 53	
28 18 32 e23 78 121 114 141 61 313 36 5.2 0.49 29 18 33 23 81 112 141 57 290 34 4.6 0.46 30 18 32 24 81 109 141 62 316 32 3.9 0.39 31 17 e24 80 108 87 31 3.5 TOTAL 438.1 814 567.6 1663 2793 3593 3830 3977 4411 3084 362.7 67.01 MEAN 14.1 27.1 18.3 53.6 99.8 116 128 128 147 99.5 11.7 2.23 MAX 18 33 31 81 121 129 147 172 375 272 30 4.5 MIN 8.7 15 3.6 25 80 108 105 57 59 31 3.5 0.39 AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 222 (WY) 1985 1985 1984 1984 1984 1984 1984 1984 1984 1984														
29														
17														
TOTAL 438.1 814 567.6 1663 2793 3593 3830 3977 4411 3084 362.7 67.01 MEAN 14.1 27.1 18.3 53.6 99.8 116 128 128 147 99.5 11.7 2.23 MAX 18 33 31 81 121 129 147 172 375 272 30 4.5 MIN 8.7 15 3.6 25 80 108 105 57 59 31 3.5 AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4469 6223 5355 2340 936 292 (WY) 1995 1995 1998 1994 1984 1984 1986 1994 1984 1984 1984 1984 1984 1984 1984	30	18	32	24	81		109	141	62	316	32	3.9	0.39	
MEAN 14.1 27.1 18.3 53.6 99.8 116 128 128 147 99.5 11.7 2.23 MAX 18 33 31 81 121 129 147 172 375 272 30 4.5 MIN 8.7 15 3.6 25 80 108 105 57 59 31 3.5 0.39 AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 <td>31</td> <td>17</td> <td></td> <td>e24</td> <td>80</td> <td></td> <td>108</td> <td></td> <td>87</td> <td></td> <td>31</td> <td>3.5</td> <td></td>	31	17		e24	80		108		87		31	3.5		
MAX 18 33 31 81 121 129 147 172 375 272 30 4.5 MIN 8.7 15 3.6 25 80 108 105 57 59 31 3.5 0.39 AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1986 1984 1984 1984 1984 1984 1984 1984 1984	TOTAL	438.1	814	567.6	1663	2793	3593	3830	3977	4411	3084	362.7	67.01	
MIN 8.7 15 3.6 25 80 108 105 57 59 31 3.5 0.39 AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1984 1986 1984 1984 1984 1984 1984 1984 1984 1984	MEAN	14.1	27.1	18.3	53.6	99.8	116	128	128	147	99.5	11.7	2.23	
AC-FT 869 1610 1130 3300 5540 7130 7600 7890 8750 6120 719 133 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2003, BY WATER YEAR (WY) MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1986 1984 1984 1984 1984 1984 1984 1984 1984	MAX	18	33	31	81	121	129	147	172	375	272	3 0	4.5	
MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4		8.7	15										0.39	
MEAN 41.8 61.9 88.7 119 185 380 545 614 685 454 116 42.4 MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1982 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 <td< td=""><td>AC-FT</td><td>869</td><td>1610</td><td>1130</td><td>3300</td><td>5540</td><td>7130</td><td>7600</td><td>7890</td><td>8750</td><td>6120</td><td>719</td><td>133</td></td<>	AC-FT	869	1610	1130	3300	5540	7130	7600	7890	8750	6120	719	133	
MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1984 1984 1984 1984 1984	STATIST	TICS OF MO	ONTHLY MEA	AN DATA	FOR WATER Y	EARS 1935	- 2003	, BY WATER Y	EAR (WY)					
MAX 301 412 685 779 991 1991 4489 6223 5355 2340 936 292 (WY) 1985 1985 1984 1984 1984 1984 1984 1984 1984 1984	MEAN	41.8	61.9	88.7	119	185	380	545	614	685	454	116	42.4	
MIN 0.000 0.000 0.000 0.000 0.000 0.000 33.7 45.8 16.5 1.76 0.75 0.000 0.000 (WY) 1936 1936 1936 1940 1941 1955 1955 1992 1992 1992 1992 1992 199	MAX	301	412	685	779	991	1991	4489	6223	5355	2340	936	292	
(WY) 1936 1936 1936 1940 1941 1955 1955 1992 1993 ANNUAL TOTAL EXCEDS 1984 25600.41 ANNUAL TOTAL 2017 1984 LOWEST ANNUAL MEAN 420 Jun 23 375 Jun 27 9190 May 27 1984 LOWEST DATLY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1 1935 ANNU	(WY)	1985	1985	1984	1984	1984	1986	1984	1984	1984	1984	1984	1984	
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1935 - 2003 ANNUAL TOTAL 29343.8 25600.41 ANNUAL MEAN 80.4 70.1 275 HIGHEST ANNUAL MEAN 2017 1984 LOWEST ANNUAL MEAN 26.0 1955 HIGHEST DAILY MEAN 420 Jun 23 375 Jun 27 9190 May 27 1984 LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 96 696	MIN	0.000	0.000	0.000	0.000	0.000	33.7	45.8	16.5	1.76	0.75	0.000	0.000	
ANNUAL TOTAL 29343.8 25600.41 ANNUAL MEAN 80.4 70.1 275 HIGHEST ANNUAL MEAN 2017 1984 LOWEST ANNUAL MEAN 26.0 1955 HIGHEST DAILY MEAN 420 Jun 23 375 Jun 27 9190 May 27 1984 LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK STAGE 391 Jun 27 9270 May 27 1984 ANNUAL SUVEN-DAY MINIMUM 37.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 MAXIMUM PEAK STAGE 391 Jun 27 9270 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 96	(WY)	1936	1936	1936	1940	1941	1955	1955	1992	1992	1992	1992	1992	
ANNUAL MEAN 80.4 70.1 275 HIGHEST ANNUAL MEAN 2017 1984 LOWEST ANNUAL MEAN 26.0 1955 HIGHEST DAILY MEAN 420 Jun 23 375 Jun 27 9190 May 27 1984 LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 696	SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	DAR YEAR		FOR 2003 WAT	TER YEAR		WATER YEAR	S 1935	- 2003	
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN LOWEST DAILY MEAN 420 Jun 23 375 Jun 27 9190 May 27 1984 LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE ANNUAL RUNOFF (AC-FT) 58200 50 PERCENT EXCEEDS 44 56 96	ANNUAL	TOTAL			29343.8			25600.41						
LOWEST ANNUAL MEAN	ANNUAL	MEAN			80.4			70.1			275			
HIGHEST DAILY MEAN 420 Jun 23 3.75 Jun 27 9190 May 27 1984 LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96	HIGHEST	r annual i	MEAN								2017		1984	
LOWEST DAILY MEAN 3.6 Dec 16 0.39 Sep 30 0.00 Jun 1 1935 ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96														
ANNUAL SEVEN-DAY MINIMUM 7.6 Sep 21 0.51 Sep 24 0.00 Jun 1 1935 MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96		HIGHEST DAILY MEAN												
MAXIMUM PEAK FLOW 391 Jun 27 9270 May 27 1984 MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96		LOWEST DAILY MEAN												
MAXIMUM PEAK STAGE 4.71 Jun 27 13.20 May 27 1984 ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96	ANNUAL SEVEN-DAY MINIMUM				7.6	Sep 21								
ANNUAL RUNOFF (AC-FT) 58200 50780 198900 10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96														
10 PERCENT EXCEEDS 196 141 698 50 PERCENT EXCEEDS 44 56 96					59200				Juii 2/			may 2	1 1984	
50 PERCENT EXCEEDS 44 56 96														
					11		56 5.0				10			

e Estimated

HUMBOLDT RIVER BASIN

10334500 RYE PATCH RESERVOIR NEAR RYE PATCH, NV

LOCATION--Lat 40°28'15", long 118°18'24", in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.18, T.30 N., R.33 E., Pershing County, Hydrologic Unit 16040108, at control works on east side of Rye Patch Dam on Humboldt River, and 2 mi northwest of Rye Patch.

DRAINAGE AREA.--16,100 mi², approximately.

PERIOD OF RECORD.--February 1936 to current year.

REVISED RECORDS .-- WSP 1714: Drainage area.

GAGE.--Staff gage on dam read daily when water level is high enough. When level is low, surface elevation obtained by levels.

REMARKS.--Reservoir is formed by earthfill, rock-faced dam; storage began February 20, 1936. Capacity, 194,300 acre-ft between elevations, 4,072.5 ft, sill of trashrack structure, and 4,136.0 ft, top of spillway gates (since June 1976). Dead storage negligible. Elevation of spillway (gate sill) is 4,119 ft. Figures given herein represent usable contents and are based on capacity table No. 2, developed by Bureau of Reclamation, in use since October 1, 1971. Water is used for irrigation in the Lovelock area. See schematic diagram of Humboldt River Basin.

COOPERATION .-- Records of daily elevation and storage furnished by Pershing County Water Conservation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 200,400 acre-ft, June 9, 1998, elevation, 4,136.5 ft; no contents, August 7-11, 1955, May 12 to June 13, 1961, July 17, 1992, and August 11-13, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 30,560 acre-ft, April 23, elevation, 4,114.7 ft; minimum observed, 10,100 acre-ft, October 1, elevation, 4,104.6 ft.

Capacity	table (e	elevation, in	feet, and	contents, in	acre-feet
4,072	0	4,095	3,460	4,120	53,200
4,075	10	4,100	6,340	4,125	82,700
4,080	70	4,105	10,480	4,130	123,200
4,085	370	4,110	17,000	4,135	182,400
4.090	1.510	4.115	31,700	4.140	244.400

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10100	10380	11630	12420	14900	19240	25100	28280	19960	16170	15040	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21											10690	
22												
23							30560					
24												
25												
26												
27												
28												
29												
30												
31												
MAX												
MIN												

HUMBOLDT RIVER BASIN

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV

 $LOCATION.--Lat~40^{\circ}28'03",~long~118^{\circ}18'24",~in~SE~^{1}/_{4}~NE~^{1}/_{4}~sec.18,~T.30~N.,~R.33~E.,~Pershing~County,~Hydrologic~Unit~16040108,~on~right~bank,~1,100~ft~downstream~from~Rye~Patch~Dam,~1.5~mi~northwest~of~Rye~Patch,~and~at~mi~49.45~above~Derby~Road~bridge.$

DRAINAGE AREA.--16,002 mi².

PERIOD OF RECORD.--January 1896 to June 1898, June 1899 to December 1909, September 1910 to June 1917, September 1917 to September 1922, September 1924 to September 1930 (fragmentary), October 1930 to September 1932, October 1935 to September 1941, October 1943 to current year. Prior to October 1935, published as "Near Oreana."

REVISED RECORDS.--WSP 1714: Drainage area; WDR-NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,070. ft, above NGVD of 1929 from topographic map. Prior to October 1, 1935, water-stage recorder or nonrecording gages at several sites about 7 mi downstream at different datum. October 1, 1935, to October 13, 1945, water-stage recorder at site 0.5 mi upstream at different datum. October 14, 1945, to April 9, 1991, water-stage recorder at site 75 ft downstream at datum 5.00 ft higher. April 9, 1991 to September 30, 1998, water-stage recorder at site 100 ft upstream on opposite bank, at same datum.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Rye Patch Reservoir (station 10334500) since 1936. Records not adjusted for storage. See schematic diagram of Humboldt River Basin.

 $EXTREMES FOR PERIOD OF RECORD. -- Maximum discharge prior to dam, 3,050 \, ft^{3} \hspace{0.5cm} s, May 12, 1897, gage \ height, 12.0 \, ft, (datum then in use); \\ maximum discharge after dam completed, 7,960 \, ft^{3} \hspace{0.5cm} s, May 28, 1984, gage \ height, 13.65 \, ft (datum then in use); \\ no flow at times in some years. \\$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 407 ft³/s, April 29, 30, May 1, gage height, 6.62 ft; minimum daily, 0.05 ft³/s, October 25, August 29.

	,	DISC	HARGE, CU	JBIC FEET I		WATER Y	EAR OCTOBER :	2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.27	0.21	0.16	0.14	0.16	0.31	0.21	386	14	302	118	0.33
2	0.26	0.31	0.15	0.18	0.14	0.35	0.27	359	15	260	79	0.31
3	0.38	0.23	0.16	0.17	0.19	0.32	0.28	350	16	170	93	0.58
4	0.34	0.23	0.15	0.18	0.17	0.36	0.34	331	15	151	112	0.66
5	0.42	0.22	0.13	0.14	0.21	0.33	0.34	340	16	154	134	0.37
6	0.43	0.20	0.13	0.17	0.20	0.30	0.40	370	16	155	162	0.33
7	0.45	0.25	0.14	0.17	0.28	0.31	0.42	380	16	115	169	0.33
8	0.47	0.26	0.16	0.17	0.20	0.33	0.54	366	15	110	204	0.33
9	0.53	0.18	0.16	0.18	0.21	0.34	0.59	298	24	92	212	0.39
10	0.50	0.19	0.17	0.21	0.17	0.35	0.74	248	41	81	157	0.38
11	0.40	0.16	0.17	0.24	0.14	0.33	0.91	216	70	77	163	0.40
12	0.42	0.17	0.16	0.22	0.16	0.31	1.1	212	105	72	198	0.40
13	0.45	0.19	0.14	0.23	0.23	0.32	1.3	219	34	71	183	0.35
14	0.47	0.22	0.22	0.23	0.21	0.27	1.2	233	3.4	63	176	0.37
15	0.43	0.24	0.18	0.24	0.21	0.23	1.3	222	3.1	49	170	0.37
16	0.38	0.23	0.36	0.21	0.25	0.23	0.99	202	115	47	148	0.33
17	0.40	0.21	0.21	0.18	0.31	0.17	1.4	202	182	44	148	0.31
18	0.50	0.22	0.18	0.18	0.27	0.17	1.3	184	276	12	127	0.38
19	0.56	0.19	0.17	0.18	0.25	0.20	1.5	238	299	0.83	78	0.40
20	0.54	0.23	0.16	0.20	0.28	0.20	1.8	285	275	0.90	35	0.41
21	0.73	0.23	0.15	0.16	0.34	0.20	2.1	287	233	e0.86	0.41	0.34
22	0.40	0.24	0.12	0.17	0.32	0.21	1.9	260	270	e0.85	0.27	0.30
23	0.14	0.29	0.11	0.17	0.30	0.14	4.0	260	286	e93	0.21	0.29
24	0.16	0.22	0.15	0.16	0.26	0.16	209	261	254	e94	0.17	0.30
25	0.05	0.15	0.16	0.13	0.35	0.19	100	246	268	87	0.13	0.28
26	0.13	0.18	0.16	0.16	0.37	0.16	5.1	137	262	8.0	0.09	0.22
27	0.13	0.13	0.16	0.10	0.37	0.14	190	87	227	81	0.08	0.23
28	0.11	0.17	0.18	0.15	0.33	0.14	310	112	169	85	0.06	0.25
29	0.09	0.16	0.16	0.14		0.14	385	117	200	83	0.05	0.22
30	0.11	0.17	0.15	0.14		0.16	402	56	276	124	0.07	0.22
31	0.10		0.17	0.20		0.18		33		124	0.36	
TOTAL	10.94	6.31	5.13	5.61	6.82		1626.03	7497	3995.5			10.38
MEAN	0.35	0.21	0.17	0.18	0.24	0.24	54.2	242	133	92.9	92.5	0.35
MAX	0.73	0.31	0.36	0.24	0.37	0.36	402	386	299	302	212	0.66
MIN	0.05	0.15	0.11	0.13	0.14	0.13	0.21	33	3.1	0.83	0.05	0.22
AC-FT	22	13	10	11	14	15	3230	14870	7930	5710	5690	21
STATIST	rics of M	ONTHLY MEA	AN DATA I	FOR WATER	YEARS 1936	- 2003	, BY WATER	YEAR (WY	`)			
MEAN	109	36.3	42.6	67.1	62.6	162	442	634	551	448	264	154
MAX	430	366	979	1310	1142	2206	3579	6215	4981	1983	990	716
(WY)	1999	1999	1984	1984	1984	1983	1984	1984	1984	1984	1995	1995
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.14	104	22.8	1.54	0.42	0.12
(WY)	1936	1936	1936	1936	1936	1937	1991	1955	1961	1991	1961	1992
SUMMARY	Y STATIST	ICS	FOR	2002 CALE	ENDAR YEAR		FOR 2003 WA	TER YEAR	2	WATER Y	EARS 1936 -	2003
ANNUAL	TOTAL			29231.2	29		18918.60)				
ANNUAL	MEAN			80.1	_		51.8			249		
HIGHEST	r Annual	MEAN								2004		1984
LOWEST	ANNUAL M	EAN								29	. 2	1955
HIGHEST	r DAILY M	EAN		576	Jul 1		402	Apr 30)	7840	May 29	1984
LOWEST	LOWEST DAILY MEAN			0.0	05 Oct 25			Oct 25			.00 Oct 1	
ANNUAL SEVEN-DAY MINIMUM				0.1	.0 Sep 15		0.09	Aug 24		0	.00 Oct 1	1935
	M PEAK FL				-		407	Apr 29		7960		
	M PEAK ST							Apr 29		13		
	RUNOFF (57980			37530			180200		-
	CENT EXCE			302			217			573		
	CENT EXCE			0.4	12		0.34			104		
	CENT EXCE			0.1			0.16				.16	

e Estimated

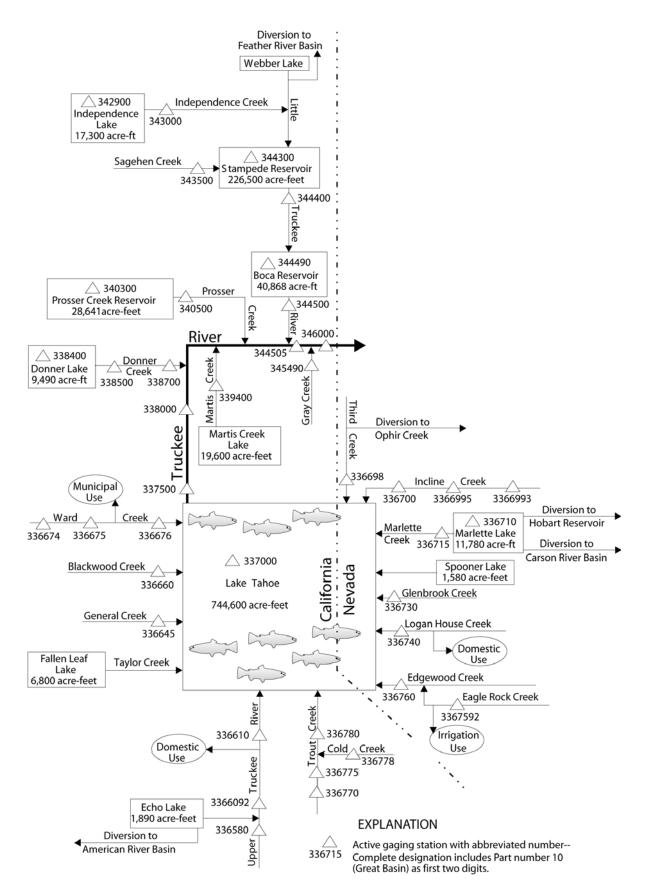


Figure 26. Schematic diagram of flow system and gaging stations in the Pyramid and Winnemucca Lakes River basin upstream of station 346000.

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59′05", long 119°30′00", in NE $^{1}/_{4}$ NW $^{1}/_{4}$ sec.3 T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi north of the Pyramid, 1.6 mi northeast of Anaho Island, and 13 mi northwest of Nixon.

DRAINAGE AREA.--2,720 mi².

PERIOD OF RECORD.--1867-1925 (occasional elevations in some years), June 1926 to current year (occasional elevations in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft, above NGVD of 1929 (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, elevations were determined from Bench Mark No. 1 of General Lake Office using elevation of 3,882.26 ft, adjustment of 1912; to convert these records to present datum, add 0.81 ft. January 1934 to September 1955, elevations were determined from Bench Mark N-21 using elevations of 3,940.04 ft, datum of 1929; to convert these records to present datum, add 0.25 ft. October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum, September 1986 to current year, nonrecording gage along east lake shore near the Pyramid.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir (station 10312100). Elevations are given to the nearest 0.1 ft and contents to four significant figures to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Elevations published in WSP 1314 for 1867 and 1871 (3,875.9 and 3,884.9 ft, respectively) have been revised to 3,867 and 3,876 ft, respectively, on the basis the data and conclusions of Hardman and Venstrom (American Geophysical Union Transactions, 1941, p. 71-90), and Harding (University of California Archives Report 16, 1965). See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 3,877.9 ft, in 1891; minimum observed, 3,783.9 ft, February 6, and March 6, 1967.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 22,949,000 acre-ft, November 1, elevation 3,810.9 ft; minimum contents observed, 22,784,000 acre-ft, September 30, elevation, 3,809.4 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September	30	3811.4	23,008,000	
October	31	3810.9	22,949,000	-59,000
November	30	3810.7	22,927,000	-22,000
December	31	3810.5	22,905,000	-22,000
CALENDA	R YEAR 2002			-317,000
January	31	3810.5	22,905,000	0
February	28	3810.5	22,905,000	0
March	31	3810.4	22,894,000	-11,000
April	30	3810.3	22,883,000	-11,000
May	31	3810.5	22,905,000	22,000
June	30	3810.4	22,894,000	-11,000
July	31	3810.2	22,872,000	-22,000
August	31	3809.8	22,828,000	-44,000
September	30	3809.4	22,784,000	-44,000
WATER Y	EAR 2003			-224,000

NOTE.--Monthend elevations are interpolated from readings made during the year.

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°47'47", long 120°01'05", in NW 1 /₄ SW 1 /₄ sec.17, T.11 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 0.25 mi upstream from bridge, 0.5 mi upstream of confluence of Big Meadow and Grass Lake Creeks, 0.5 mi west of State Highway 89, and 4.0 mi south of Meyers, California.

DRAINAGE AREA.--14.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,490 ft aboveNGVD of 1929, from topographic map. Prior to October 1, 1991, at site 1,200 ft downstream at datum 2.54 higher.

REMARKS.--Records fair. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft 3 / s, January 2, 1997, gage height, 11.31 ft; minimum daily, 0.76 ft 3 / s, September 1, 1990.

	FS FOR C		ΔRP	eak discharo	es greater than	hase dis	charges of 15	50 ft ³ / s	and maxim	ım (*)·		
LATREN	LSTORC	OKKLIVI II	ZAIXI (Gage height	Dasc uis	scharges of 13			age height		
		Date March 26	Time 1300	(ft ³ / s)	(ft) 6.88		Date		ft ³ / s) *442	(ft) *8.48		
					PER SECOND,	WATER Y						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.9	4.0	4.7	24	6.4	5 0	17	265	3 7	17	1.9
2	1.5	1.9	3.9	4.7	20	6.2	33	18	257	34	16	1.8
3	1.5	1.9	3.7	5.1	16	6.2	28	21	259	3 3	11	2.0
4	1.5	1.9	3.9	5.2	14	6.1	24	23	266	3 0	9.5	4.8
5	1.5	1.8	3.9	5.4	12	5.5	21	23	240	27	8.5	3.5
6	1.5	1.8	3.7	5.5	11	5.4	19	27	231	26	7.3	2.1
7	1.5	3.1	3.6	5.4	10	5.6	19	29	235	24	6.4	1.7
8	1.5	45	3.5	5.8	9.8	5.6	25	25	239	23	5.6	1.9
9	1.5	28	3.7	6.2	9.4	5.6	35	25	231	21	5.0	2.0
10	1.4	10	3.4	6.3	9.0	6.0	44	22	203	20	4.3	3.0
11	1.4	7.4	3.3	6.0	8.7	7.2	48	29	174	19	3.9	3.4
12	1.4	6.6	3.3	5.6	8.3	9.1	48	51	153	18	3.6	3.1
13	1.4	7.7	4.9	5.5	9.0	14	37	91	142	17	3.3	3.1
14	1.3	6.9	e5.0	5.3	8.8	17	33	113	132	16	3.1	2.9
15	1.2	6.1	e5.0	5.0	8.4	20	26	128	125	15	2.9	2.8
16	1.4	5.8	e5.0	4.9	9.1	15	22	114	125	15	2.7	2.8
17	2.0	5.5	e5.3	5.0	8.2	12	21	114	125	14	2.4	2.8
18	2.0	5.2	e5.3	5.3	7.8	10	20	114	120	13	2.3	3.5
19	2.5	5.2	e5.5	5.6	7.6	9.1	19	115	104	13	2.2	2.9
20	2.5	5.7	e5.5	5.8	7.4	9.9	21	132	91	18	2.2	2.7
21	2.6	7.7	e5.7	6.0	7.1	10	21	159	78	17	2.6	2.3
22	2.6	8.7	e5.7	6.2	7.1	14	19	190	69	13	3.4	2.1
23	2.6	7.5	e6.0	20	7.1	25	18	205	60	13	2.9	1.9
24 25	2.7	6.2 5.4	e6.0 6.5	25 18	7.2 7.2	26 25	21 21	225 225	54 51	12 11	2.5	1.8
26	2.6	5.3	6.1	17	6.7	91	20	225	51	9.8	2.3	1.8
27	2.8	4.7	5.2	26	6.9 6.6	58 36	18	269	50 50	9.9	2.1	1.7
28 29	2.5	4.4	4.9 5.2	28 21		30	19 18	331 350	47	11 8.9	1.8 1.7	1.6 1.6
30	2.1	4.2	4.7	18		36	17	349	41	8.0	1.6	1.7
31	1.8		5.1	20		53		282		11	1.7	
TOTAL	59.7	217.8	146.5	313.5	274.4	585.9	785	4041	4268	557.6	143.9	73.0
MEAN	1.93	7.26	4.73	10.1	9.80	18.9	26.2	130	142	18.0	4.64	2.43
MAX	2.8	45	6.5	28	24	91	50	350	266	37	17	4.8
MIN AC-FT	1.2 118	1.8	3.3 291	4.7 622	6.6 544	5.4 1160	17 1560	17 8020	41 8470	8.0 1110	1.6 285	1.6 145
										1110	203	143
STATIST		ONTHLY MEAI	N DATA	FOR WATER	YEARS 1990) - 200.	3, BY WATE	R YEAR (WY)			
MEAN	3.08	6.01	8.44	16.5	11.6	20.3	51.1	135	120	43.1	8.87	3.48
MAX	5.72	20.7	37.4	120	39.2	41.3	102	216	329	220	45.9	10.4
(WY)	1999	1997	1997	1997	1996	1995	1997	1996	1995	1995	1995	1998
MIN	1.62	2.13	1.69	1.57	2.95	6.64	15.1	51.2	12.1	3.40	1.64	1.30
(WY)	2002	1991	1991	1991	2001	1991	1991	1992	1992	1994	1994	1991
	STATIST	ICS	FOF		ENDAR YEAR		FOR 2003 1		AR	WATER YEA	RS 1990	- 2003
ANNUAL				10743.			11466.					
ANNUAL				29.	4		31.	4		36.5		
	ANNUAL									72.3		1995
	ANNUAL M DAILY M			208	Marr 21		250	Ma	20	14.1		1994 2 1997
	DAILY ME				May 31 2 Oct 15			May 2 Oct		1130	Jan 6 Sep	
		Y MINIMUM			3 Sep 20			4 Oct			o Sep 7 Aug 2	
	SEVEN-DA PEAK FL			Ι.	5 Sep 20		442		29	2010		29 1990
	PEAK FL							May 48 May			Jan 1 Jan	
	RUNOFF (21310			22740	15 may		26420	_ Jan	- 1001
	ENT EXCE			99			108			117		
	ENT EXCE			8.			7.	4		8.0		
	ENT EXCE			1.			1.:			2.1		

e Estimated

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD .-- Water years 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

INSTRUMENTATION.--Water temperature recorder September 1997 to September 2003, two times per hour.

REMARKS.—In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature records represent water temperature at probe within 0.5°C. Interruptions in record due to loss of communication between stream and sensor. Water temperature data for September 1997 are unpublished but are available from U.S. Geological Survey, Carson City, NV

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum recorded, 17.0°C, July 2, 3, 2001, July 14, 2002, July 21, 22, 24, 2003; minimum, freezing point on many days.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum recorded, 17.0°C, July 21, 22, 24; minimum, freezing point, many days November to May.

Date	Time	Instantaneous discharge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)		Dis- solved oxygen, percent of sat- uration (00301)		Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	ature, air,	Temper- ature, water, deg C (00010)	org-N, water, fltrd,	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 2002													
11	1515	1.6					53	15.0	7.3		.19	< .003	.002
NOV													
05	1355	2.4					51	15.0	2.0		.04	.003	.003
08	1525	50					45	4.0	2.5	.58	.76	.004	.022
DEC													
03	1540	5.1	600	10.9	96	7.3	42	.5	.5		.08	< .003	.013
JAN 2003													
09	1345	6.5					36	3.0	1.6		.11	< .003	.015
FEB													
05	1415	18					27	3.0	.3		.11	< .003	.009
MAR													
05	1550	5.6	596	10.6	98	7.4	35	6.0	2.0		.09	< .003	.011
26	1640	132					19	3.5	1.2	.19	.36	< .003	.008
APR													
02	1300	36					20	-3.0	.5		.12	< .003	.003
09	1355	30					25	15.5	4.5	.06	.06	< .003	.005
MAY													
08	1325	26					24	1.0	1.5	.09	.21	< .003	.006
13	1645	95					21	14.5	5.2	.14	.15	< .003	.006
16	1440	93					20	16.0	5.5	< .04	.34	< .003	.008
21	1550	153					18	21.5	6.5	.04	.14	.004	.011
23	1445	193					17	16.5	5.5	.10	.22	< .003	.017
28	1715	417					16	22.5	4.0	.22	.42	< .003	.024
JUN													
05	1600	237	601	9.4	103	7.2	18	24.0	8.8	.12	.36	<.003	.010
JUL													
10	1150	20					30	24.0	11.7		.08	.003	.005
AUG													
06	1345	7.6					40	18.5	12.4		.16	.004	.011
SEP													
02	1550	1.9	604	8.2	97	7.6	51	23.0	12.1	.06	.08	.005	.024

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Ortho-			Sus-		Suspnd.
	phos-			pended	Sus-	sedi-
	phate,	Phos-	Phos-	sedi-	pended	ment,
	water,	phorus,	phorus,	ment	sedi-	sieve
	fltrd,	water,	water,	concen-	ment	diametr
Date	mg/L	fltrd,		tration	load,	percent
	as P	mg/L	mg/L	mg/L	tons/d	
	(00671)	(00666)	(00665)	(80154)	(80155)	(70331)
OCT 2002						
11	.015	.031	.027	2	.01	
NOV						
05	.013		.023	<1	< .01	
08	.013	.059	.098	36	4.9	66
DEC						
03	.010	.018	.016	<1	< .01	
JAN 2003						
09	.007	.011	.011	1	.02	
FEB						
05	.005	.009	.009	1	.05	
MAR						
05	.007	.013	.014	1	.02	
26	.005	.011	.038	23	8.2	48
APR						
02	.003	.007	.009	7	.68	
09	.004	.010	.010	1	.08	
MAY						
08	.003	.007	.009	1	.07	
13	.003	.009	.035	7	1.8	
16	.004	.013	.015	3	.75	
21	.004	.009	.026	11	4.5	
23	.005	.018	.028	13	6.8	
28	.008	.016	.226			
JUN		0.4.0				
05	.007	.013	.023	14	9.0	
JUL						
10	.014	.025	.032	1	.05	
AUG	016	0.2.2	026	0	0.4	
06	.016	.033	.032	2	.04	
SEP	004	0.27	021	0	0.1	
02	.024	.031	.031	2	.01	

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	NOVEMBER		DE	CEMBER			JANUARY	
1	6.5	6.0	6.0	2.5	1.5	1.5	1.0	0.5	0.5	0.5	0.0	0.5
2	6.0	4.5	5.0	2.0	1.0	1.5	1.0	0.5	0.5	1.0	0.5	1.0
3	5.5	3.5	4.5	2.0	1.0	1.5	0.5	0.0	0.5	1.5	1.0	1.0
4	6.0	5.0	5.5	2.0	1.5	1.5	1.0	0.0	0.5	1.5	1.0	1.0
5	7.0	5.5	6.0	2.0	1.0	1.5	1.0	0.5	0.5	1.5	1.0	1.0
6	7.0	5.5	6.0	2.0	1.0	1.5	1.5	0.5	1.0	1.5	1.0	1.0
7	7.5	6.0	6.5	2.5	1.5	2.0	1.0	0.5	0.5	1.0	0.5	1.0
8	7.5	6.0	6.5	2.5	1.5	2.0	0.5	0.0	0.5	1.5	0.5	1.0
9	7.5	6.0	6.5	2.0	1.0	1.5	1.0	0.5	0.5	1.5	1.5	1.5
10	8.0	6.5	7.0	1.0	0.0	0.5	1.5	0.5	1.0	1.5	1.5	1.5
11	7.5	6.0	7.0	2.0	1.0	1.0	0.5	0.5	0.5	1.5	1.0	1.5
12	7.0	5.5	6.0	2.5	1.5	2.0	1.0	0.0	0.5	2.0	1.0	1.5
13	6.5	5.0	5.5	3.0	2.0	2.5	1.5	0.5	1.0	2.0	1.5	1.5
14	6.5	5.5	5.5	2.5	1.5	2.0	1.0	0.0	0.5	1.5	1.0	1.0
15	6.5	5.0	5.5	1.5	0.5	1.0	0.0	0.0	0.0	1.0	0.5	0.5
1.0	<i>c</i> 0	4 5		2.0	1 0	1 -	0.0	0 0	0 0	1.0	0 5	٥. ٦
16 17	6.0 6.0	4.5 4.5	5.5 5.0	2.0	1.0 1.5	1.5 1.5	0.0	0.0	0.0	1.0 1.5	0.5 0.5	0.5 1.0
18	6.0	4.0	5.0	1.5	0.5	1.0	0.0	0.0	0.0	1.5	1.0	1.0
19	5.5	4.0	5.0	2.0	1.0	1.5	0.0	0.0	0.0	1.5	1.0	1.0
20	5.5	4.0	4.5	2.5	1.5	2.0	0.0	0.0	0.0	1.5	0.5	1.0
21	5.5	4.0	4.5	2.5	1.5	2.0	0.0	0.0	0.0	1.5	1.0	1.5
22 23	5.5 5.0	4.0 3.5	4.5	3.0	2.0	2.5 2.5	0.0	0.0	0.0	2.0 1.5	1.5 0.5	1.5 1.0
24	4.5	3.5	4.0	2.5	1.0	1.5	0.5	0.0	0.0	2.0	0.5	1.5
25	4.5	3.5	4.0	1.5	0.5	1.0	0.5	0.0	0.5	2.5	1.5	2.0
26	4.0	3.0	3.5	1.0	0.0	0.5	0.5	0.5	0.5	2.5	1.5	2.0
27	4.0	3.0	3.5	0.5	0.0	0.5	1.0	0.5	0.5	2.0	1.5	2.0
28 29	4.0	3.0	3.5	0.5 0.5	0.0	0.5 0.5	1.0	0.0	0.5 0.5	2.0	1.0	1.5 1.5
30	3.5	2.5	3.0	1.0	0.0	0.5	1.0	0.5	0.5	2.5	1.5	2.0
31	3.5	2.0	2.5				1.0	0.5	0.5	3.0	1.5	2.0
MONTH	8.0	2.0	5.0	3.0	0.0	1.4	1.5	0.0	0.4	3.0	0.0	1.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY		MAX	MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
	1	FEBRUARY			MARCH			APRIL			MAY	
1	2.5	FEBRUARY	2.0		MARCH		2.5	APRIL 0.5	1.5	3.5	MAY 0.5	2.5
	1	FEBRUARY			MARCH			APRIL			MAY	
1 2	2.5	FEBRUARY 1.0 0.5	2.0		MARCH		2.5 0.5	APRIL 0.5 0.0	1.5	3.5 4.0	MAY 0.5 2.0	2.5
1 2 3	2.5 1.0 1.0	1.0 0.5 0.0	2.0 0.5 0.5	 	MARCH		2.5 0.5 0.5	APRIL 0.5 0.0 0.0	1.5 0.0 0.5	3.5 4.0 4.5	MAY 0.5 2.0 2.0	2.5 3.0 3.0
1 2 3 4 5	2.5 1.0 1.0 0.5 0.5	1.0 0.5 0.0 0.0	2.0 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0	0.5 0.0 0.0 0.0	1.5 0.0 0.5 0.5	3.5 4.0 4.5 4.5 5.5	MAY 0.5 2.0 2.0 1.0	2.5 3.0 3.0 2.5 3.0
1 2 3 4 5	2.5 1.0 1.0 0.5 0.5	1.0 0.5 0.0 0.0	2.0 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5	0.5 0.0 0.0 0.0 0.0	1.5 0.0 0.5 0.5	3.5 4.0 4.5 4.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0	2.5 3.0 3.0 2.5 3.0
1 2 3 4 5	2.5 1.0 1.0 0.5 0.5	1.0 0.5 0.0 0.0 0.0	2.0 0.5 0.5 0.5 0.5	 	MARCH		2.5 0.5 0.5 1.0 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5	1.5 0.0 0.5 0.5 0.5	3.5 4.0 4.5 4.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0	2.5 3.0 3.0 2.5 3.0
1 2 3 4 5	2.5 1.0 1.0 0.5 0.5	1.0 0.5 0.0 0.0	2.0 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5	0.5 0.0 0.0 0.0 0.0	1.5 0.0 0.5 0.5	3.5 4.0 4.5 4.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0	2.5 3.0 3.0 2.5 3.0
1 2 3 4 5 6 7 8	2.5 1.0 1.0 0.5 0.5	1.0 0.5 0.0 0.0 0.0	2.0 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5	1.5 0.0 0.5 0.5 0.5	3.5 4.0 4.5 4.5 5.5 4.0 2.0	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.0	2.5 3.0 3.0 2.5 3.0 3.0
1 2 3 4 5 6 7 8 9	2.5 1.0 1.0 0.5 0.5 0.5 0.5	1.0 0.5 0.0 0.0 0.0 0.0	2.0 0.5 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5 3.5 4.5 5.0	0.5 0.0 0.0 0.0 0.5 0.5 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.0 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0 1.0 1.0 2.5
1 2 3 4 5 6 7 8 9 10	2.5 1.0 1.0 0.5 0.5 0.5 0.5 0.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0	0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5
1 2 3 4 5 6 7 8 9 10	2.5 1.0 1.0 0.5 0.5 0.5 0.5 0.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0	0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 2.0 2.0 2.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5
1 2 3 4 5 6 7 8 9 10	2.5 1.0 1.0 0.5 0.5 0.5 0.5 0.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0	0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5
1 2 3 4 5 6 7 8 9 10	2.5 1.0 1.0 0.5 0.5 0.5 0.5 0.5 0.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0	3.5 4.0 4.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.0 0.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2.5 3.0 3.0 2.5 3.0 3.0 1.0 2.5 3.0 3.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	2.5 1.0 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.0 5.5 0.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.0 0.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 2.5 0.5 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.0 0.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5	3.5 4.0 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.0 0.5 1.0 1.5 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.0 0.5 0.5 1.0 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.0 0.5 0.5 1.0 1.0 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.0 0.5 0.5 1.0 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH	 1.0	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.0 0.5 1.0 1.0 0.5 1.0 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0	3.5 4.0 4.5 5.5 4.5 2.0 2.0 2.0 5.5 6.0 6.5 5.5 6.0 6.0 6.5 7.0	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		MARCH	 1.0 2.0	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	APRIL 0.5 0.0 0.0 0.5 0.5 0.5 1.0 0.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 5.5 5.5 6.0 6.5 7.0	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 3.5 4.0	MARCH	 1.0 2.0 2.0 2.5	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0	3.5 4.0 4.5 5.5 4.0 2.0 2.0 2.0 5.5 6.0 6.5 6.0 5.0 5.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.0	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 3.5 4.0 3.0	MARCH	 1.0 2.0 2.0 2.5 2.0	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.0 3.5 4.5 3.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.5 0.5 1.0 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.5 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 5.5 5.5 6.0 6.5 7.0	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.5 1.0 1.5 1.5 1.5 1.5 1.5 2.0 2.0 2.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5 1.0 1.5 1.0 1.5 1.0	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 3.5 4.0	MARCH	 1.0 2.0 2.5 2.0 2.5	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 1.5 3.5 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0	1.5 0.0 0.5 0.5 0.5 1.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.5 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 5.5 6.0 6.5 7.0 7.0 7.0 6.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.0 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 3.5 4.0 3.0	MARCH	 1.0 2.0 2.0 2.5 2.0	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.0 3.5 4.5 3.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.5 0.5 1.0 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.5 2.5 2.5 3.0	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 5.5 5.5 6.0 6.5 7.0	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.5 1.0 1.5 1.5 1.5 1.5 1.5 2.0 2.0 2.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 4.0 4.0 4.0	MARCH	 1.0 2.0 2.5 2.0 2.5 2.5	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 1.5 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 2.0 0.0 0.5 0.5 1.0 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.0 2.5 2.5 1.5	3.5 4.0 4.5 5.5 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 5.5 6.0 6.5 7.0 7.0 6.5 7.0 6.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.5 2.5 2.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.0 1.5 1.0 1.5 1.0	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 0.5 0.5 1.5	 2.0 3.0 3.5 4.0 4.0 4.0 3.5	MARCH	1.0 2.0 2.5 2.5 2.5 1.5	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 3.5 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	APRIL 0.5 0.0 0.0 0.5 0.5 0.5 1.0 0.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.0 2.5 2.0 2.5 1.0	3.5 4.0 4.5 5.5 4.5 2.0 2.0 2.0 5.5 6.0 5.0 5.5 6.0 6.5 7.0 7.0 6.5 7.0 6.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.5 2.5	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5 3.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 4.0 4.0 4.0 3.5 3.5 3.5	MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 3.5 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	APRIL 0.5 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.0 2.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3.5 4.0 4.5 5.5 4.0 2.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5 7.0 7.0 6.5 6.5 6.5 6.5 6.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.5 2.5	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5 3.5 3.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.0 1.5 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 4.0 4.0 4.0 3.5 3.5 4.5	MARCH 0.5 1.0 0.5 1.5 1.5 1.0 1.0 0.5 5.5 0.5		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.5 4.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	APRIL 0.5 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.5 2.5 1.5 1.5 1.0 2.0 2.0 2.5 1.5 1.5 1.0 2.0 2.5 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3.5 4.0 4.5 5.5 4.0 2.0 2.0 5.5 6.0 6.5 5.5 5.5 6.0 6.5 7.0 7.0 6.0 6.5 7.0 6.5 6.5 6.5 6.5 6.5 6.5	MAY 0.5 2.0 2.0 1.0 1.0 1.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5 3.5 3.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.0 1.5 1.5 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 4.0 4.0 4.0 3.5 3.5 3.5	MARCH		2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 3.5 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	APRIL 0.5 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.0 2.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3.5 4.0 4.5 5.5 4.0 2.0 2.0 2.0 5.5 6.0 6.5 6.0 5.5 7.0 7.0 6.5 6.5 6.5 6.5 6.5	MAY 0.5 2.0 2.0 1.0 1.0 0.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.0 2.5 2.5	2.5 3.0 3.0 2.5 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5 3.5 3.5
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 1.5 1.5 1.5 1.5 1.0 0.5 1.0 1.5 1.5	1.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5	2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	 2.0 3.0 4.0 4.0 4.0 3.5 3.5 3.5 3.5 3.5	MARCH	1.0 2.0 2.5 2.5 2.5 1.5 1.5 1.5 2.0 3.0	2.5 0.5 0.5 1.0 1.5 1.5 3.5 4.5 5.0 5.0 5.5 0.5 0.5 1.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 4.5 3.5 3.5 4.5 3.5 3.5 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	APRIL 0.5 0.0 0.0 0.0 0.5 0.5 0.5 1.0 1.0 0.0 0.5 0.5 1.0 1.0 0.5 0.5 1.0 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 0.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.5 0.0 0.5 0.5 0.5 1.0 2.5 2.5 3.0 3.5 1.5 0.0 0.5 1.0 2.0 2.5 2.5 1.5 2.0 2.0 2.0 2.0 2.0 2.5 1.0 2.0 2.5 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3.5 4.0 4.5 5.5 4.0 2.0 2.0 5.5 6.0 5.0 5.5 6.0 6.5 7.0 7.0 6.5 7.0 6.5 5.5	MAY 0.5 2.0 2.0 1.0 1.0 2.0 0.5 1.0 1.5 1.5 1.5 1.5 2.0 2.5 2.5 2.5 2.5 3.0	2.5 3.0 3.0 2.5 3.0 3.0 1.0 1.0 2.5 3.0 3.0 3.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5 3.5 3.5 3.5

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	IR.
1	7.5	2.5	4.5	12.0	8.0	10.0	14.5	12.5	13.5	12.5	9.5	11.0
2	8.5	3.0	5.0	12.5	7.5	10.0	13.5	12.5	13.0	13.0	10.0	11.5
3	9.0	3.5	5.5	13.0	8.5	10.5	14.0	10.5	12.5	12.0	11.0	11.5
4	9.0	4.0	5.5	12.5	7.5	10.0	15.5	11.5	13.0	12.0	11.0	11.5
5	9.0	3.5	5.5	13.0	7.5	10.5	14.5	10.5	12.5	13.5	11.0	12.0
6	9.5	4.0	6.0	13.0	7.5	10.5	13.5	9.5	11.5	13.0	10.0	11.5
7	10.0	4.5	6.5	12.5	7.5	10.0	14.0	9.5	11.5	12.0	10.0	11.0
8	11.0	5.0	7.0	13.0	8.0	10.5	14.0	9.5	11.5	11.5	10.0	11.0
9	10.5	5.0	7.0	14.5	9.0	11.5	14.0	9.5	11.5	11.0	9.5	10.0
10	11.0	4.5	7.0	14.5	9.5	12.0	14.5	9.5	12.0	10.5	8.0	9.0
11	11.0	4.5	7.5	14.5	9.0	12.0	14.5	10.5	12.5	11.0	8.0	9.5
12	11.0	4.5	7.5	14.0	9.0	11.5	14.5	10.0	12.0	11.5	9.0	10.0
13	11.0	5.5	8.0	14.5	9.5	12.0	14.0	10.0	12.0	11.0	9.0	10.0
14	11.5	5.0	8.0	14.0	8.5	11.5	14.5	10.5	12.0	11.0	8.5	10.0
15	11.5	5.5	8.5	14.5	9.0	12.0	14.5	11.0	12.5	11.0	9.0	10.0
16	12.5	6.5	9.5	15.5	10.5	13.0	15.0	11.0	12.5	10.5	9.0	10.0
17	12.0	7.5	9.5	16.0	11.0	13.5	15.0	11.0	12.5	10.0	7.5	8.5
18	11.5	7.5	9.5	16.0	11.5	13.5	15.0	11.5	13.0	9.0	7.0	8.0
19	11.5	6.5	8.5	16.0	12.0	14.0	15.0	11.5	13.5	9.5	7.5	8.5
20	11.0	6.0	8.5	16.0	13.0	14.0	14.0	11.5	13.0	9.5	7.5	9.0
21	10.5	5.5	8.0	17.0	12.0	14.5	13.5	12.5	13.0	9.5	7.5	9.0
22	10.5	5.0	8.0	17.0	12.5	14.5	15.5	12.0	13.5	10.0	8.0	9.0
23	8.5	5.5	7.0	16.5	13.5	15.0	14.5	11.5	12.5	10.0	8.5	9.5
24	10.5	5.0	7.5	17.0	13.0	14.5	14.0	11.0	12.0	10.5	8.5	9.5
25	11.5	6.0	8.5	16.0	12.0	14.0	13.5	10.0	12.0	10.0	8.5	9.5
26	12.0	7.0	9.5	15.0	11.5	13.5	14.0	11.5	12.5	10.0	8.0	9.0
27	13.0	7.5	10.5	14.5	12.0	13.5	14.5	11.5	12.5	9.5	8.0	9.0
28	13.0	8.5	11.0	15.5	11.5	14.0	14.0	11.0	12.5	10.0	8.5	9.0
29	13.0	8.5	10.5	16.0	12.5	14.5	13.0	10.5	11.5	10.0	8.5	9.5
30	12.0	7.0	9.5	16.5	13.5	15.5	13.0	10.0	11.5	10.5	8.5	9.5
31				16.0	14.0	15.0	12.0	10.5	11.0			
MONTH	13.0	2.5	7.8	17.0	7.5	12.6	15.5	9.5	12.3	13.5	7.0	9.9

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°50'55", long 120°01'34", in NE ¹/₄ NE ¹/₄ sec.31, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 500 ft downstream of U.S. Highway 50 bridge, 1 mi southwest of Meyers, and 7.5 mi upstream of Lake Tahoe. DRAINAGE AREA.--39.3 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,310 ft above NGVD of 1929, from topographic map. June 1990 to September 5, 1997 at present site, datum 3.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,120 ft³/ s, January 2, 1997, gage height, 8.95 ft; minimum daily, 1.2 ft³/ s, December 22, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 200 ft³/ s and maximum (*):

LATREN	ILS I OK C	OKKLIVI II	ZAICI C	ak discharges	greater tha	iii base uisi	charge of 2	00117	s and n	iaxiiiiuii	1 ().		
		Date	Time	Discharge (ft ³ / s) *799	(ft)			Time (ft^3/s	,	:)		
		May 28 DISCH	2000 ARGE, C	*/99 UBIC FEET PE	*7.33 R SECOND,	WATER YE		peaks grea			-		
						Y MEAN VA							
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	M.	AY	JUN	JUL	AUG	SEP
1	11	13	18	28	51	27	102		7	484	66	34	6.0
2	12	13	18	25	48	26	88	5	8	455	60	37	5.8
3	9.0	10	17	24	44	27	81	6	1	443	54	29	5.9
4	8.4	8.9	17	24	41	26	76	6	7	451	50	25	8.5
5	11	9.3	17	24	38	26	71	6	3	432	48	21	7.6
6	13	11	16	24	36	26	65		7	427	46	19	6.4
7	11	15	16	23	34	26	64		0	439	44	17	6.0
8	12	88	16	23	3 3	26	70		1	443	42	16	5.7
9	14	83	16	23	31	27	79		9	435	4 0	15	5.7
10	13	56	16	24	3 0	27	87	6	7	381	3 9	14	5.9
11	10	4 3	16	24	29	29	92		3	313	38	13	5.9
12	8.4	3 9	16	23	29	32	100		2	260	35	12	5.8
13	7.6	3 7	e16	22	31	38	99	13		232	32	12	5.7
14	7.0	32	e17	22	31	45	96	17		202	3 0	11	5.6
15	9.5	28	e17	21	31	55	82	21	. 8	182	27	10	5.5
16	13	27	e18	21	35	47	74	21	.7	164	27	9.9	5.4
17	13	24	e18	20	31	41	70	21	. 6	158	26	9.6	6.1
18	13	23	e19	20	3 0	37	66	21	. 9	146	25	9.0	8.4
19	11	22	e19	21	3 0	35	64	21	. 9	134	25	8.7	8.4
20	8.7	22	e20	21	29	3 7	66	24	7	128	28	8.3	8.6
21	9.0	23	e20	22	28	38	65	3 (7	122	31	9.0	7.4
22	11	24	e21	23	28	43	62	3 7	7	111	26	9.2	9.5
23	10	24	e22	39	27	60	61	42	2	103	26	8.5	10
24	11	23	e22	48	28	62	67	4.4	5	95	26	7.7	7.8
25	12	22	23	44	28	61	66	4.5	1	86	24	7.3	6.2
26	11	21	23	45	27	127	66	4.3	12	81	23	7.1	5.4
27	10	20	26	52	28	115	62	4.9		80	22	7.3	5.3
28	8.8	19	e28	58	27	94	62	6 (80	23	6.5	6.6
29	7.9	19	e28	50		83	60	61		78	21	6.2	5.5
30	10	18	28	47		84	58	61		73	20	5.8	5.1
31	14		e28	47		98		51			24	5.9	
TOTAL	330.3	817.2	612	932	913	1525	2221	774	. 5	7218	1048	411.0	197.7
MEAN	10.7	27.2	19.7	30.1	32.6	49.2	74.0	2.5		241	33.8	13.3	6.59
MAX	14	88	28	58	51	127	102	61		484	66	37	10
MIN	7.0	8.9	16	20	27	26	58		7	73	20	5.8	5.1
AC-FT	655	1620	1210	1850	1810	3020	4410	1536		4320	2080	815	392
STATIST	rics of M	ONTHLY MEAI	N DATA	FOR WATER Y	EARS 199	0 - 2003	, BY WATE	ER YEAR	(WY)				
MEAN	9.44	17.6	21.9	48.2	38.0	61.7	118	2.7	16	232	81.7	17.5	10.8
MAX	22.6	78.5	96.4	328	125	132	206	56	9	709	452	78.6	37.5
(WY)	1996	1997	1997	1997	1996	1995	1997	199	3	1995	1995	1995	1995
MIN	3.25	3.33	3.15	4.37	6.69	28.2	47.2	85.	0	20.4	4.81	2.28	2.50
(WY)	2002	1991	1991	1991	1991	1994	1991	199		1992	1994	1994	1994
SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	DAR YEAR		FOR 2003	WATER	YEAR		WATER YEA	RS 1990	- 2003
ANNUAL	TOTAL			21354.7			23970.	. 2					
ANNUAL				58.5			65.				79.4		
	r ANNUAL	MEAN									169		1995
	ANNUAL M										26.1		1994
HIGHEST	r DAILY M	EAN		378	May 18		617	Ma	y 29		2000	Jan 2	2 1997
LOWEST	DAILY ME	AN			Sep 3			.1 Se				Dec 22	
		Y MINIMUM		4.5	Aug 30			.7 Se				Dec 20	
MAXIMUN	M PEAK FL	OW			-			Ma			5120		
MAXIMUN	M PEAK ST	AGE					7.	.33 Ma	y 28		8.9	5 Jan 2	2 1997
ANNUAL	RUNOFF (AC-FT)		42360			47540				57550		
10 PERG	CENT EXCE	EDS		177			140				221		
	CENT EXCE			24			27				25		
90 PERG	CENT EXCE	EDS		8.2			8.	. 4			5.2		

e Estimated

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued WATER-QUALITY RECORDS

PERIOD OF RECORD .-- Water years 1990 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

INSTRUMENTATION .-- Water temperature recorder September 1997 to September 2003, two times per hour.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature records represent water temperature at probe within 0.5°C. Interruptions in record due to instrument malfunction. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey, Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 21.0°C, July 14; minimum, freezing point on many days.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 20.5°C, several days in July and August; minimum, may not have been measured during periods of instrument malfunction.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,	conduc-			org-N,	org-N,	Ammonia	nitrate
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,	sure,	oxygen,	of sat-	std	uS/cm	air,	water,	mq/L	mq/L	mg/L	mq/L
		cfs	mm Hg	mq/L	uration	units	25 degC	deg C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
11	1315	9.5					54	16.5	10.2		.08	< .003	.004
NOV													
05	1540	7.9					74	10.0	5.5		< .04	< .003	.009
08	1355	96					44	5.5	4.5	.34	>.60	.004	.027
DEC													
03	1330	17	603	10.7	99	7.3	67	8.5	2.3	.09	.09	< .003	.011
JAN 2003													
09	1100	23					54	4.5	2.1		.10	< .003	.014
FEB													
05	1210	50					57	2.0	. 4		.12	< .003	.012
MAR													
05	1340	25	601	10.3	102	7.1	72	10.0	5.0		.09	< .003	.014
26	1450	174					32	4.5	3.5	.13	1.1	< .003	.011
27	1245	111					32	5.5	3.5	.10	.17	< .003	.014
APR													
02	1130	90					34	-2.0	1.1		.21	.014	.017
09	1245	77					46	13.5	5.0	.09	.10	.003	.014
MAY													
08	1140	70					52	2.0	2.1	.15	.16	< .003	.014
13	1510	114					40	22.0	8.3	.14	.15	< .003	.007
16	1250	188					28	18.5	5.3	<.04	.10	<.003	.013
21	1425	231					27	E20.0	7.4	.07	.13	.004	.009
23	1400	342					23	24.0	6.0	.07	.20	.003	.011
28	1600	567					20	26.5	8.0	.11	.19	.003	.017
JUN	1000	307					20	20.5	0.0			.005	.017
05	1305	342	605	9.3	102	6.9	22	22.5	9.3	.15	.32	< .003	.012
JUL	1305	342	605	9.3	102	0.9	22	22.5	2.3	.15	.32	<.003	.012
	1000	40					42	22.5	12.4		.09	< .003	.014
10	1000	40					42	22.5	12.4		.09	<.003	.014
AUG	1000	1.0					65	10 5	14 5		1.0	. 003	006
06 SEP	1200	19					65	19.5	14.5		.18	<.003	.006
	404-						0.5		4.7.0				
02	1340	6.1	608	8.6	114	7.4	96	25.5	17.8	.05	.07	.003	.003

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P	water,	Phos- phorus, water, unfltrd		Sus- pended sedi- ment load, tons/d	sieve diametr percent
	(00671)	٥.	(00665)	٠.	(80155)	
OCT 2002						
11	.003	.010	.009	1	.03	
NOV	.005	.010	.005	-	.03	
05	.003	.012	.010	1	.02	
08	.007	.027	.068	32	8.3	
DEC	.007	.027	.000	32	0.5	
03	.004	.008	.008	3	.13	
JAN 2003	.004	.000	.000	5	.13	
09	.003	.005	.008	2	.12	
FEB	.003	.005	.008	2	.12	
05	.003	.008	.012	4	.54	
MAR	.003	.008	.012	4	.54	
	000	0.00	000	-	0.77	
05	.003	.008	.009	<1	<.07	
26	.005	.012	.128	92	43	50
27	.003	.009	.015	13	3.9	
APR						
02	.002	.007	.009	14	3.4	
09	.003	.008	.011	2	.42	
MAY						
08	.002	.006	.010	1	.19	
13	.001	.006	.013	4	1.2	
16	.003	.013	.020	7	3.5	
21	.003	.020	.023	7	4.4	
23	.004	.009	.028	17	16	
28	.005	.010		37	57	
JUN						
05	.004	.010	.025	16	15	
JUL						
10	.007	.013	.021	2	.22	
AUG						
06	.005	.017	.021	1	.05	
SEP						
02	.005	.011	.013	1	.02	

Remark Codes Used in This report:

< -- Less than
> -- Greater than
E -- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		No	OVEMBER		DE	ECEMBER			JANUARY	
1	10.0	8.0	8.5	5.5	3.0	4.5	3.0	1.0	2.0			
2	9.5 10.5	6.5 5.5	8.0 7.5	6.0 6.0	3.0	4.5 4.5	3.0	1.0	2.0 1.5	1 5	1.0	1 0
4	10.5	7.5	9.0	5.5	2.5	4.0	3.0	1.0	2.0	1.5 1.5	0.5	1.0
5	10.5	6.0	8.0	5.5	2.0	3.5	2.5	0.5	1.5	1.5	0.5	1.0
6	11.5	7.5	9.0	6.5	3.0	4.5	3.0	1.5	2.0	1.5	0.5	1.0
7	11.5	7.5	9.0	6.0	4.0	5.0	3.0	1.0	2.0	1.0	0.5	0.5
8 9	11.5 12.0	7.0 8.0	9.0 9.5	5.0 5.0	4.0 2.5	4.5	2.0	0.5	1.0 1.5	2.0	0.5 2.0	1.0
10	11.5	9.0	10.0	4.0	3.0	3.5	3.0	1.0 1.5	2.0	2.5	1.5	2.0
11	10.5	7.5	9.0	5.0	4.0	4.5	2.5	0.5	1.5	2.5	1.5	2.0
12	10.0	5.5	7.5	6.0	4.0	5.0	3.0	0.5	1.5	3.0	1.5	2.0
13	10.0	5.5	7.5	6.0	4.5	5.5				3.5	2.0	2.5
14 15	10.0 10.0	6.0 5.5	8.0 7.5	5.5 4.5	3.5 2.5	4.5 3.5				2.5 1.5	1.0 0.5	2.0 1.0
16	10.0	6.5	8.0	4.5	3.0	3.5				1.5	0.5	1.0
17	10.0	6.0	7.5	4.5	3.0	3.5				2.0	0.5	1.0
18	10.0	6.0	8.0	4.0	2.0	3.0				2.5	0.5	1.5
19	9.5	6.0	7.5	4.5	2.0	3.0				2.5	0.5	1.5
20	9.0	5.5	7.0	4.5	2.5	3.5				2.5	0.5	1.5
21	9.0	5.5	7.0	4.5	2.5	3.5				2.5	1.5	2.0
22	9.5	5.5	7.0	5.0	3.0	4.0				3.5	2.0	2.5
23 24	9.5 8.0	5.5 5.0	7.0 6.5	5.0 4.5	3.5 2.5	4.0				3.0	2.0 1.5	2.5
25	8.5	6.0	7.0	3.0	2.0	2.5				3.5	2.0	3.0
26	8.0	5.0	6.5	3.0	0.5	1.5				3.5	2.0	3.0
27	8.0	5.0	6.0	2.5	0.5	1.5				3.5	2.5	3.0
28 29	7.5 7.0	5.0 3.5	6.0 5.0	2.5 2.5	0.5 0.5	1.5 1.5				3.0 3.5	1.5 1.5	2.5 2.5
30	6.5	3.5	5.0	2.5	0.5	1.5				4.0	2.0	3.0
31	7.0	4.0	5.0							4.0	2.5	3.5
MONTH	12.0	3.5	7.5	6.5	0.5	3.6						
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBRUARY		MAX	MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
DAY 1 2	MAX			MAX 4.5 4.5		MEAN 3.5 3.5			MEAN 	MAX 		MEAN
1 2 3		FEBRUARY		4.5 4.5 4.5	MARCH 3.0	3.5 3.5 3.5		APRIL			MAY 	
1 2 3 4		FEBRUARY	 	4.5 4.5 4.5 5.0	MARCH 3.0 2.0 2.5 3.0	3.5 3.5 3.5 4.0		APRIL	 	 	MAY 	
1 2 3		FEBRUARY		4.5 4.5 4.5	MARCH 3.0 2.0 2.5	3.5 3.5 3.5		APRIL		 	MAY 	
1 2 3 4 5		FEBRUARY		4.5 4.5 4.5 5.0 5.0	MARCH 3.0 2.0 2.5 3.0 2.0	3.5 3.5 3.5 4.0 3.5		APRIL		 	MAY	
1 2 3 4 5		FEBRUARY		4.5 4.5 4.5 5.0 5.0	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0	3.5 3.5 3.5 4.0 3.5 3.5		APRIL		 	MAY	
1 2 3 4 5		FEBRUARY		4.5 4.5 4.5 5.0 5.0 5.0 5.0	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5	3.5 3.5 3.5 4.0 3.5 3.5 3.5		APRIL		 	MAY	
1 2 3 4 5		FEBRUARY		4.5 4.5 4.5 5.0 5.0	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0	3.5 3.5 3.5 4.0 3.5 3.5		APRIL		 	MAY	
1 2 3 4 5 6 7 8 9		FEBRUARY		4.5 4.5 4.5 5.0 5.0 5.0 5.0 5.5 5.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5	3.5 3.5 4.0 3.5 3.5 3.5 3.5 4.0 4.0		APRIL		 	MAY	
1 2 3 4 5 6 7 8 9 10		FEBRUARY 2.5		4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5 2.0 2.5	3.5 3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0		APRIL			MAY	
1 2 3 4 5 6 7 8 9		FEBRUARY		4.5 4.5 4.5 5.0 5.0 5.0 5.0 5.5 5.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5	3.5 3.5 4.0 3.5 3.5 3.5 3.5 4.0 4.0		APRIL		 	MAY	
1 2 3 4 5 6 7 8 9 10	4.0 4.0 4.5 4.5	FEBRUARY 2.5 2.5 3.5 3.0	3.0 3.5 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5 2.0 3.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		 7.0	MAY	
1 2 3 4 5 6 7 8 9 10	 4.0 4.0 4.5	FEBRUARY 2.5 2.5 3.5	3.0 3.5 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 3.5 4.0 4.0 4.5		APRIL			MAY	
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	4.0 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5	3.0 3.5 4.0 4.0 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.0 6.0 6.5 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		 7.0	MAY 2.5 2.5	 4.5 4.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	4.0 4.0 4.5 4.5 3.5	FEBRUARY 2.5 2.5 3.5 3.0 3.0 0.5 2.0	 3.0 3.5 4.0 4.0 4.0 2.5 3.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 2.5	3.5 3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5	MAY 2.5 2.5 2.0 2.5	 4.5 4.5 4.0 4.5
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	4.0 4.0 4.5 4.5 3.5 3.5 3.5	FEBRUARY 2.5 2.5 3.5 3.0 3.0 0.5 2.0 1.0	3.0 3.5 4.0 4.0 4.0 2.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.5 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 2.5 2.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5	MAY 2.5 2.5 2.0 2.5 2.0	 4.5 4.5 4.0 4.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	4.0 4.0 4.5 4.5 3.5	FEBRUARY 2.5 2.5 3.5 3.0 3.0 0.5 2.0	 3.0 3.5 4.0 4.0 4.0 2.5 3.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 2.5 3.0 2.0 1.5 2.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5	MAY 2.5 2.5 2.0 2.5	 4.5 4.5 4.0 4.5
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19	4.0 4.5 4.5 4.5 3.5 3.5 3.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 2.5 3.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 3.5 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5 6.5 7.0 7.0	MAY 2.5 2.5 2.0 2.5 2.0 2.5	4.5 4.5 4.5 4.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	4.0 4.0 4.5 4.5 4.5 3.5 3.5 3.5 3.5 3.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 2.5 3.0 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.5 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		7.0 7.0 7.5 6.5 7.0 7.0 8.0	MAY 2.5 2.5 2.0 2.5 2.0 3.0	4.5 4.5 4.5 4.5 5.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	4.0 4.5 4.5 4.5 3.5 3.5 3.5 3.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5 2.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 2.5 3.5 3.5 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5 6.5 7.0 7.0 8.0 8.0 8.0 8.0	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.0 3.0 3.0 3.0	 4.5 4.5 4.5 4.5 5.0 5.0 4.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	4.0 4.0 4.5 4.5 4.5 3.5 3.5 3.5 3.5 3.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 2.5 3.0 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.5 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		7.0 7.0 7.5 6.5 7.0 7.0 8.0	MAY 2.5 2.5 2.0 2.5 2.0 3.0	4.5 4.5 4.5 4.5 5.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	4.0 4.0 4.5 4.5 4.5 4.5 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5 3.5 3.5 3.5 3.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 3.5 3.5 3.5 3.5 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		7.0 7.5 6.5 7.0 7.0 8.0 8.0 7.5 6.5	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.0 3.0 3.0 3.5 3.5	4.5 4.5 4.5 4.5 5.0 5.0 4.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4.0 4.0 4.5 4.5 3.5 3.5 3.5 3.5 4.5	FEBRUARY 2.5 2.5 3.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5 2.5 3.5 3.5	3.0 3.5 4.0 4.0 2.5 3.0 2.5 3.5 3.5 3.5 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		 7.0 7.5 6.5 7.0 7.0 8.0 8.0 8.0 7.5	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.0 3.0 3.0 3.0 3.5	 4.5 4.5 4.5 4.5 5.0
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	4.0 4.0 4.5 4.5 4.5 3.5 3.5 3.5 3.5 4.5 4.5 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 3.5 3.5 3.5 3.0 2.5 2.5 2.5 2.5 2.5 3.5 3.5 3.0	3.0 3.5 4.0 4.0 4.0 2.5 3.0 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5 		APRIL		7.0 7.0 7.5 6.5 7.0 8.0 8.0 7.5 6.5	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.5 3.0 3.0 3.5 3.5 3.0 3.5 4.0	4.5 4.5 4.5 4.5 5.0 5.0 6.0 6.5 5.0 6.5 5.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	4.0 4.5 4.5 4.5 3.5 3.5 3.5 4.5 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 3.5 3.5 3.5 3.5 2.5 2.5 3.5	3.0 3.5 4.0 4.0 4.0 2.5 3.0 3.5 3.5 3.5 3.5 3.5 3.5 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 6.5	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		7.0 7.5 6.5 7.0 7.0 8.0 8.0 7.5 6.5 7.5 8.0 8.0 8.0 8.0	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.0 3.0 3.5 3.0 3.5 3.0 3.5 3.0 4.0 4.0	4.5 4.5 4.5 4.5 5.0 5.0 4.5 5.0 5.5 5.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	4.0 4.0 4.5 4.5 4.5 3.5 3.5 3.5 3.5 4.5 4.5 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 3.5 3.5 3.5 3.0 2.5 2.5 2.5 2.5 2.5 3.5 3.5 3.0	3.0 3.5 4.0 4.0 4.0 2.5 3.0 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.5 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 4.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5 		APRIL		 7.0 7.5 6.5 7.0 7.0 8.0 8.0 7.5 6.5 7.5 8.0 8.5 8.5 8.5	MAY 2.5 2.5 2.0 2.5 2.0 3.0 3.5 3.0 3.5 3.5 4.0 4.0 4.0	 4.5 4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	4.0 4.0 4.5 4.5 3.5 3.5 3.5 3.5 4.5 4.5 4.5 4.5	FEBRUARY 2.5 2.5 3.5 3.0 3.0 0.5 2.0 1.0 2.5 2.5 2.5 3.5 3.5 3.5 2.5 2.5 2.5 3.5 3.5	3.0 3.5 4.0 4.0 2.5 3.0 2.5 3.0 3.5 4.0 4.0	4.5 4.5 4.5 5.0 5.0 5.0 5.5 5.5 5.5 6.0 6.5 	MARCH 3.0 2.0 2.5 3.0 2.0 1.5 2.0 1.5 2.0 3.0 3.0	3.5 3.5 3.5 4.0 3.5 3.5 4.0 4.0 4.0 4.5 4.5		APRIL		7.0 7.5 6.5 7.0 7.0 8.0 8.0 7.5 6.5 7.5 8.0 8.0 8.0 8.0	MAY 2.5 2.5 2.0 2.5 2.0 2.5 2.0 3.0 3.5 3.0 3.5 3.0 3.5 3.0 4.0 4.0	4.5 4.5 4.5 4.5 5.0 5.0 4.5 5.0 5.5 5.5

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	IR.
1	9.5	4.0	6.5	15.5	10.5	12.5	17.0	14.0	15.5	19.5	10.5	14.5
2	10.5	4.5	7.0	15.5	10.0	12.5	15.0	14.0	14.5	18.5	11.0	14.0
3	11.0	5.5	7.5	16.5	10.5	13.0	18.0	12.5	15.0	15.0	11.5	13.0
4	11.0	6.0	8.0	16.0	9.5	12.5	19.0	13.5	16.0	15.0	12.0	13.5
5	11.0	6.0	8.0	16.0	9.5	12.5	18.0	12.5	15.0	17.5	11.5	14.0
6	12.0	6.5	9.0	16.0	10.0	13.0	18.0	12.0	14.5	17.5	11.5	14.0
7	12.5	8.0	9.5	16.0	10.0	13.0	18.0	11.5	14.5	16.5	12.0	13.5
8	13.0	8.0	10.0	16.5	10.0	13.0	18.5	11.5	14.5	16.0	11.0	13.0
9	12.5	8.0	10.0	17.5	10.5	14.0	18.5	11.0	14.5	16.0	11.0	12.5
10	12.5	8.0	10.0	18.0	11.5	14.5	19.0	11.5	15.0	15.5	9.5	12.0
11	12.5	8.0	10.0	18.0	11.5	14.5	19.5	12.5	15.5	16.0	10.0	12.5
12	12.0	7.5	10.0	18.0	11.5	14.5	19.5	12.5	15.0	16.0	10.5	13.0
13	12.5	8.5	10.5	18.0	11.5	14.5	19.0	12.5	15.0	15.5	10.0	12.5
14	12.5	8.0	10.5	18.0	11.0	14.0	19.5	12.0	15.0	16.0	9.5	12.5
15	12.5	8.0	10.5	18.5	11.5	14.5	20.0	13.0	16.0	16.0	10.5	12.5
16	13.5	9.0	11.5	19.0	12.5	15.5	20.5	13.0	16.0	14.0	10.0	12.0
17	13.0	9.5	11.5	19.0	13.0	15.5	20.5	13.0	16.0	13.5	9.5	11.5
18	13.0	9.5	11.5	18.5	13.0	15.5	20.5	13.0	16.5	13.0	10.5	11.5
19	13.0	8.5	11.0	20.0	14.0	16.5	20.5	13.0	16.5	14.0	10.5	12.0
20	13.5	8.5	11.0	19.5	15.0	16.5	20.5	13.0	16.0	13.5	11.0	12.0
21	13.0	8.5	10.5	20.0	13.5	16.5	17.5	15.0	15.5	13.5	10.5	12.0
22	12.5	8.5	10.5	20.0	14.5	17.0	19.5	14.0	16.0	15.0	10.5	12.5
23	10.5	9.0	9.5	18.5	15.0	16.5	20.0	13.0	16.0	15.5	11.5	13.5
24	12.5	7.5	10.0	20.0	14.5	17.0	20.5	12.5	16.0	15.0	11.0	13.0
25	13.5	8.5	11.0	20.5	14.0	17.0	20.0	12.0	15.5	15.0	10.0	12.5
26	14.5	9.0	11.5	18.0	14.0	16.0	20.5	13.5	16.0	14.5	9.0	11.5
27	15.0	10.5	12.5	17.0	14.0	15.5	20.5	13.0	16.0	14.5	9.0	11.5
28	15.5	11.0	13.0	18.5	13.0	15.5	20.5	12.5	15.5	14.0	10.0	12.0
29	15.5	11.5	13.5	20.5	14.0	17.0	19.5	11.0	15.0	14.5	10.0	11.5
30	15.0	10.0	12.5	20.0	15.0	17.5	20.0	10.5	15.0	14.0	9.5	11.5
31				18.5	15.5	16.5	17.0	11.5	13.5			
MONTH	15.5	4.0	10.3	20.5	9.5	15.0	20.5	10.5	15.4	19.5	9.0	12.6

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.—Lat 38°55'21", long 119°59'26", in NW 1/4 SE 1/4 sec.4, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 200 ft downstream from U.S. Highway 50 Bridge, 1.0 mi northeast of South Lake Tahoe Post Office, and 1.4 mi upstream from Lake Tahoe.

DRAINAGE AREA.—54.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1971 to September 1974, October 1976 to June 1977, October 1977 to June 1978, March 1980 to current year.

GAGE.—Water-stage recorder. Datum of gage is 6,229.04 ft above NGVD of 1929. Prior to April 26, 1984, at datum 2.00 ft higher. Prior to October 19, 1993, at site 200 ft upstream at same datum.

REMARKS.—Records fair except for estimated daily discharges, which are poor. Two small dams may cause slight regulation at times. Some small diversions for domestic use upstream from station. Echo Lake conduit (station 11434500) diverts from Echo Lake (station 10336608), to South Fork American River Basin. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 5,480 ft³/s, January 2, 1997, gage height, 9.95 ft; minimum daily, 0.01 ft³/s, September. 6, 2001.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 300 ft³/s, and maximum (*):

EAIKE	VIES FOR C	CURRENT I	EAK.—	Discharge		ater than base seight	discharge	01 300 11 /		rge Gage hei	oht	
		Date	Time	2	-	-	Date	Time	(ft ³ /	s) (ft)	giit	
		May 30		750	5.3	<i>'</i>				se discharge.		
		DISC	HARGE,	CUBIC FEET	PER SE	COND, WATER DAILY MEAN		OBER 2002	2 TO SE	PTEMBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.8	18	21	e35	84	38	147	100	534	95	36	e4.5
2	11	20	18	e35	80	37	132	101	503	87	47	e5.0
3	8.1	17	17	e35	73	37	123	108	489	80	35	6.8
4 5	7.0 6.2	14 11	17 17	e35 e35	73 66	37 36	112 104	126 113	481 469	74 70	28 20	9.6 13
5	6.2	11	17	e35	66	36	104	113	469	70	20	13
6	10	17	17	e35	62	38	97	114	454	67	16	9.3
7	7.1	25	17	e35	62	40	95	116	458	65	14	6.7
8	8.1	133	18	e35	60	42	103	125	455	61	12	4.7
9	13	145	19	e35	60	44	114	121	456	58	11	4.5
10	14	84	16	e35	53	46	121	118	414	56	9.9	5.6
11	12	66	15	e35	47	49	127	121	364	53	9.3	5.8
12	7.3	56	16	e35	45	54	140	136	316	49	8.4	5.7
13	7.3	59	e16	e37	48	63	149	178	287	44	7.5	5.1
14	6.7	48	e20	e38	51	75	148	240	258	41	7.3	4.9
15	5.8	39	e20	39	48	110	123	292	235	37	7.1	4.7
16	14	35	e25	39	50	82	110	314	214	35	6.5	6.0
17	9.6	31	e35	36	49	69	107	306	208	33	6.0	6.2
18	13	28	e35	35	47	60	107	310	195	32	5.3	13
19	10	27	e40	35	44	54	106	302	183	31	5.0	10
20	7.1	26	e40	35	43	55	112	316	171	32	4.6	16
21	5.9	27	e40	36	41	54	113	368	162	41	6.3	14
22	11	29	e38	39	41	58	103	433	150	33	6.8	12
23	11	29	e38	67	40	102	103	494	140	32	5.9	21
24	9.8	28	e36	92	41	101	123	509	131	32	5.2	16
25	16	26	e36	76	41	93	121	536	119	28	4.1	11
26	13	25	e35	71	39	192	120	509	111	25	4.1	8.5
27	13	23	e36	83	39	195	113	535	107	24	4.5	7.6
28	10	22	e35	103	38	148	113	640	108	26	e4.5	9.6
29 30	9.1 8.0	22 22	e35	80 73		128	109 101	674	107 101	23 20	e4.0	9.7
31	19		e35 e35	73 73		123 137		676 581		20	e4.0 e4.2	8.1
TOTAL	310.9	1152	838	1507	1465	2397	3496	9612	8380	1406	349.5	264.6
MEAN	10.0	38.4	27.0	48.6	52.3	77.3	117	310	279	45.4	11.3	8.82
MAX MIN	19 5.8	145 11	40 15	103 35	84 38	195 36	149 95	676 100	534 101	95 20	47 4.0	21 4.5
AC-FT	617	2280	1660	2990	2910	4750	6930	19070	16620	2790	693	525
									10020	2,50	0,50	323
STATIST	rics of Mo					72 - 2003, E						
MEAN	15.0	39.1	48.5	65.3	67.5	106	164	304	255	85.6	20.0	12.7
MAX	72.1	225	218	484	307	305	300	567	795	448	102	55.3
(WY) MTN	1983 2.60	1984 7.36	1982 8.07	1997 8.00	1986 10.5	1986 21.2	1982 64.0	1982 55.3	1983 23.5	1995 4.65	1983 0.51	1983 0.55
(WY)	1989	1991	1991	1991	1991	1977	1977	1977	1992	1994	2001	2001
	STATISTI			2002 CALEND			2003 WAT			WATER YEARS		
ANNUAL	π∩πΔτ.			25125.7			31178.0					
ANNUAL HIGHEST LOWEST HIGHEST ANNUAL MAXIMUM MAXIMUM		EAN EAN AN MINIMUM DW AGE		354 1.9 2.1	May 19 Sep 3 Aug 30	3	676 4.0 4.2 750 5.31 61840	May 30 Aug 29 Aug 25 May 30 May 30		100 203 29.2 3150 0.01 0.11 5480 9.95	Sep Sep Jan	1983 1988 2 1997 6 2001 5 2001 2 1997 2 1997
	CENT EXCE			201			195			270		
50 PERG	CENT EXCER	EDS		35			38			38		
90 PER	CENT EXCER	EDS		5.2			7.1			6.9		

e Estimated

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972-74, 1978, 1980 to current year.

PERIOD OF DAILY RECORD.-

SPECIFIC CONDUCTANCE: March 1981 to September 1983.

WATER TEMPERATURE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1992, September 1997 to September 2003, discontinued.

SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1992.

INSTRUMENTATION.--Water temperature recorder September 1997 to September 2003, two times per hour.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Interruptions in water temperature record due to instrument problems. Water temperature records represent water temperature at probe within 0.5°C. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey, Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 26.5°C, July 26 and August 10, 2001; minimum, freezing point on many days. SEDIMENT CONCENTRATION: Maximum daily mean, 416 mg/L, March 4, 1991; minimum daily mean, 0 mg/L, several days during most years. SEDIMENT LOAD: Maximum daily, 781 tons, March 8, 1986; minimum daily, 0 tons, several days during most years.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 25.5°C, July 30; minimum, freezing point, many days November to April.

Date		Instan- taneous dis- charge cfs (00061)	mm Hg	oxygen mg/L	Dis- solved oxygen, percent a, of sat uration (00301)	unfltrd field, - std units	tance, wat unf uS/cm 25 degC	Temper- ature, air,	Temper- ature, water, deg C (00010)	+ org-N, water, fltrd, mg/L as N	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	1Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 2002													
11	1105	14					54	13.5	9.7		.13	< .003	.007
NOV													
05	1130	13					67	10.5	4.7		.04	.003	.017
08	1215	177					62	6.0	4.0	.50	> . 60	.005	.021
DEC													
03	0940	20	606	11.1	97	7.1	80	2.0	. 5	.13	.13	< .003	.020
JAN 2003													
13	1120	E38					71	5.0	. 1		.16	< .003	.017
FEB													
05	1000	64					68	-2.5	. 1		.16	< .003	.030
MAR													
05	1105	36	601	10.6	101	7.1	83	7.5	3.5	.14	.15	< .003	.013
26	1315	227					52	10.0	6.5	.19	.94	< .003	.016
27	1115	190					4 0	10.0	3.5	.15	.25	.011	.013
APR													
02	1010	136					43	5	. 6		.18	< .003	.013
08	1020	105					60	7.0	3.4		.19	< .003	.019
09	1115	120					58	13.0	4.5	.10	.15	< .003	.017
23	1130	103					64	9.0	4.4	.13	.15	< .003	.025
MAY													
02	1210	105					69	4.5	5.6	.11	.13	< .003	.009
08	1000	128					61	. 0	3.5	.20	.18	< .003	.003
10	1420	119					60	10.5	8.8	.14	.21	< .003	.005
13	1335	172					43	15.5	8.7	.11	.17	< .003	.003
20	1115	309					3 0	11.5	5.4	.09	.21	.005	.008
21	1850	318					29	19.0	10.5	.08	.18	.003	.005
24	0720	534					22	10.0	3.5	.09	.28	.003	.011
28	1420	596					22	28.0	8.5	.14	.32	.005	.015
JUN													
05	1110	452	606	9.6	103	6.8	22	21.0	8.3	.14	.41	.003	.011
11	1015	368					20	18.0	9.4	.11	.17	< .003	.009
JUL													
10	1410	60					49	22.5	19.4		.12	.003	.007
AUG													
06	0945	17					71	15.0	14.7		.18	< .003	.011
SEP													
02	1135	E5.0	610	8.6	110	7.3	106	16.5	16.3	.09	.14	.003	.009

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002						
11	.003	.009	.013	2	.08	
NOV	.003	.005	.013	-		
05	.003	.013	.014	2	.07	
08	.010	.044	.459	463	221	62
DEC						
03	.004		.011	3	.16	
JAN 2003						
13	.007	.012	.024	9	E.92	
FEB						
05	.005	.012	.017	5	.86	
MAR						
05	.005	.011	.016	3	.29	
26	.006	.020	.194	156	96	68
27	.004	.012	.039	24	12	
APR	0.00		014	0	2 2	
02	.003		.014	9 5	3.3	
08	.003	.010	.014	6	1.4	
09 23	.003	.011	.014	4	1.1	
MAY	.003	.007	.013	-	1.1	
02	.003	.008	.013	2	.57	
08	.002	.012	.013	4	1.4	
10	.002	.006	.013	2	.64	
13	.001	.008	.016	6	2.8	
20	.002	.007	.028	15	13	
21	.003	.008	.031	17	15	
24	.004	.011	.068	75	108	
28	.004	.013	.058	75	121	
JUN						
05	.005	.011	.031	25	31	
11	.003	.009	.027	19	19	
JUL						
10	.004	.015	.024	3	.49	
AUG	0.05	010	016		1.0	
06	.005	.019	.019	4	.18	
SEP	0.04	010	012	2	E 02	
02	.004	.010	.013	2	E.03	

Remark Codes Used in This report:
< -- Less than
> -- Greater than
E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEA	AN MAX MIN MEAN
OCTOBER NOVEMBER DECEMBER	JANUARY
	5 0.0 0.0 0.0
2 10.0 7.0 8.5 4.5 2.0 3.5 3.0 0.5 2. 3 10.5 6.5 8.5 5.0 3.0 4.0 3.0 0.0 1.	0 0.0 0.0 0.0
3 10.5 6.5 8.5 5.0 3.0 4.0 3.0 0.0 1. 4 12.0 10.0 11.0 5.5 2.5 4.0 3.0 0.5 2.	0 0.0 0.0 0.0 5 0.0 0.0 0.0 0 0.0 0.0 0.0
	0 0.0 0.0 0.0 5 0.0 0.0 0.0
6 12.5 9.0 11.5 4.5 2.5 3.5 2.5 1.0 1. 7 12.5 9.5 11.0 4.5 3.0 4.0 3.0 0.0 1.	5 0.0 0.0 0.0
8 12.5 9.0 11.0 4.5 4.0 4.5 1.5 0.0 1. 9 12.5 9.0 11.5 5.0 2.0 3.5 1.5 0.0 1.	0.0 0.0 0.0
6 12.5 9.0 11.5 4.5 2.5 3.5 2.5 1.0 1. 7 12.5 9.5 11.0 4.5 3.0 4.0 3.0 0.0 1. 8 12.5 9.0 11.0 4.5 4.0 4.5 1.5 0.0 1. 9 12.5 9.0 11.5 5.0 2.0 3.5 1.5 0.0 1. 10 12.5 10.5 11.5 3.0 1.5 2.0 4.0 1.0 2.	5 0.0 0.0 0.0 5 0.0 0.0 0.0 0 0.0 0.0 0.0 0 0.0 0.0 0.0 5 0.0 0.0 0.0
11 11.5 8.5 10.0 6.0 2.5 4.0 2.5 0.0 1. 12 11.0 7.0 9.0 6.5 3.0 5.0 2.5 0.0 1. 13 11.0 7.5 9.0 7.5 4.5 6.0 2.5 0.5 1. 14 12.5 8.5 10.0 6.5 3.0 5.0 3.0 0.0 2.	5 0.0 0.0 0.0 5 0.0 0.0 0.0
13 11.0 7.5 9.0 7.5 4.5 6.0 2.5 0.5 1.	5 10 00 05
13 11.0 7.5 9.0 7.5 4.5 6.0 2.5 0.5 1. 14 12.5 8.5 10.0 6.5 3.0 5.0 3.0 0.0 2. 15 11.5 8.5 9.5 5.0 2.0 3.5 0.0 0.0 0.	0 2.0 0.5 1.0 0 1.5 0.0 0.5
16 10.0 7.0 9.0 5.5 2.5 4.0 0.0 0.0 0. 17 9.5 6.5 8.5 5.5 2.0 3.5 0.0 0.0 0.	0 1.5 0.0 0.5
1/ 9.5 6.5 5.5 2.0 3.5 0.0 0.0 0.1 18 9.5 7.0 8.5 4.5 1.5 3.0 0.0 0.0 0.0	0 2.0 0.0 1.0 0 2.5 0.0 1.5
18 9.5 7.0 8.5 4.5 1.5 3.0 0.0 0.0 0. 19 9.5 6.5 8.5 5.0 1.5 3.5 0.0 0.0 0. 20 10.0 6.5 8.5 5.5 2.5 4.0 0.0 0.0 0.	0 3.0 0.0 1.5
16 10.0 7.0 9.0 5.5 2.5 4.0 0.0 0.0 0. 17 9.5 6.5 8.5 5.5 2.0 3.5 0.0 0.0 0. 18 9.5 7.0 8.5 4.5 1.5 3.0 0.0 0.0 0. 19 9.5 6.5 8.5 5.0 1.5 3.5 0.0 0.0 0. 20 10.0 6.5 8.5 5.5 2.5 4.0 0.0 0.0 0.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
22 8.5 6.5 7.5 5.5 3.0 4.5 0.0 0.0 0.	0 5.0 1.5 3.0
23 8.5 6.0 7.5 6.5 4.0 5.0 0.0 0.0 0.	0 3.5 1.5 2.5
21 9.5 7.0 8.0 5.5 2.5 4.0 0.0 0.0 0. 22 8.5 6.5 7.5 5.5 3.0 4.5 0.0 0.0 0. 23 8.5 6.0 7.5 6.5 4.0 5.0 0.0 0.0 0.0 24 8.0 5.5 7.0 5.0 2.5 4.0 0.0 0.0 0.0 25 8.0 6.0 7.0 3.5 1.5 2.5 0.0 0.0 0.	0 2.5 0.5 1.5 0 4.5 1.5 3.0
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MONTH 13.0 3.0 8.7 7.5 0.0 3.5 4.0 0.0 0.	7 5.0 0.0 1.2
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FEBRUARY MARCH APRIL 1 3.5 1.5 3.0 6.0 1.5 3.5 5.5 1.5 4. 2 3.0 0.0 1.5 6.0 0.0 3.0 2.5 0.0 1. 3 3.0 0.0 1.0 5.0 1.0 3.0 4.5 0.0 2. 4 2.5 0.0 1.0 6.0 2.5 4.0 3.0 0.0 1. 5 1.0 0.0 0.5 7.5 2.0 4.5 6.5 0.0 3.	MAX MIN MEAN MAY 0 8.0 3.5 6.0 0 7.0 5.0 6.0 0 8.5 4.0 6.0 5 8.5 3.0 6.0 0 10.5 3.0 7.0
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FEBRUARY MARCH APRIL 1 3.5 1.5 3.0 6.0 1.5 3.5 5.5 1.5 4. 2 3.0 0.0 1.5 6.0 0.0 3.0 2.5 0.0 1. 3 3.0 0.0 1.0 5.0 1.0 3.0 4.5 0.0 2. 4 2.5 0.0 1.0 6.0 2.5 4.0 3.0 0.0 1. 5 1.0 0.0 0.5 7.5 2.0 4.5 6.5 0.0 3.	MAX MIN MEAN MAY 0 8.0 3.5 6.0 0 7.0 5.0 6.0 0 8.5 4.0 6.0 5 8.5 3.0 6.0 0 10.5 3.0 7.0
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FEBRUARY MARCH APRIL 1 3.5 1.5 3.0 6.0 1.5 3.5 5.5 1.5 4. 2 3.0 0.0 1.5 6.0 0.0 3.0 2.5 0.0 1. 3 3.0 0.0 1.0 5.0 1.0 3.0 4.5 0.0 2. 4 2.5 0.0 1.0 6.0 2.5 4.0 3.0 0.0 1. 5 1.0 0.0 0.5 7.5 2.0 4.5 6.5 0.0 3. 6 1.0 0.0 0.5 8.0 2.0 5.0 4.5 1.5 3. 7 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 8 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 10 2.5 0.0 1.0 7.0 3.0 5.0 8.0 3.5 6. 11 3.5 0.0 2.0 8.0 2.5 5.5 9.0 4.0 6. 12 3.0 0.5 2.0 9.0 3.0 6.0 7.0 1.5 4.	MAY MAY 0 8.0 3.5 6.0 0 7.0 5.0 6.0 0 8.5 4.0 6.0 5 8.5 3.0 6.0 0 10.5 3.0 7.0 0 8.5 4.5 6.5 5 7.5 3.0 4.5 5 6.5 0.5 3.5 5 10.5 3.5 7.0 5 11.5 4.0 7.5 5 12.0 5.0 8.5 5 9.5 4.5 6.5
FEBRUARY MARCH APRIL 1 3.5 1.5 3.0 6.0 1.5 3.5 5.5 1.5 4. 2 3.0 0.0 1.5 6.0 0.0 3.0 2.5 0.0 1. 3 3.0 0.0 1.0 5.0 1.0 3.0 4.5 0.0 2. 4 2.5 0.0 1.0 6.0 2.5 4.0 3.0 0.0 1. 5 1.0 0.0 0.5 7.5 2.0 4.5 6.5 0.0 3. 6 1.0 0.0 0.5 8.0 2.0 5.0 4.5 1.5 3. 7 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 8 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 8 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 10 2.5 0.0 1.0 7.0 3.0 5.0 8.0 3.5 6. 11 3.5 0.0 2.0 8.0 2.5 5.5 9.0 4.0 6. 12 3.0 0.5 2.0 9.0 3.0 6.0 7.0 1.5 4. 13 5.0 2.5 3.5 9.0 3.5 6.0 1.5 0.0 0.1	MAY MAY 0 8.0 3.5 6.0 0 7.0 5.0 6.0 0 8.5 4.0 6.0 5 8.5 3.0 6.0 0 10.5 3.0 7.0 0 8.5 4.5 6.5 5 7.5 3.0 4.5 5 6.5 0.5 3.5 5 10.5 3.5 7.0 5 11.5 4.0 7.5 5 12.0 5.0 8.5 11.0 4.5 8.0 0 10.0 3.5 7.0
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FEBRUARY MARCH APRIL 1 3.5 1.5 3.0 6.0 1.5 3.5 5.5 1.5 4. 2 3.0 0.0 1.5 6.0 0.0 3.0 2.5 0.0 1. 3 3.0 0.0 1.0 5.0 1.0 3.0 4.5 0.0 2. 4 2.5 0.0 1.0 6.0 2.5 4.0 3.0 0.0 1. 5 1.0 0.0 0.5 7.5 2.0 4.5 6.5 0.0 3. 6 1.0 0.0 0.5 8.0 2.0 5.0 4.5 1.5 3. 7 1.0 0.0 0.5 8.0 2.0 5.0 4.5 1.5 3. 7 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 8 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 8 1.0 0.0 0.5 8.0 2.0 5.0 9.0 1.5 5. 10 2.5 0.0 1.0 7.0 3.0 5.0 8.0 3.5 6. 11 3.5 0.0 2.0 8.0 2.0 5.0 9.5 3.5 6. 12 3.0 0.5 2.0 9.0 3.0 6.0 7.0 1.5 4.0 6.0 1.5 0.0 0.1 14 6.0 1.5 4.0 8.0 3.0 6.0 7.0 1.5 4.0 8.0 3.0 5.0 16 3.5 0.0 2.0 4.5 0.5 2.5 4.0 6.0 1.5 0.0 0.1 17 3.0 0.0 1.5 4.0 8.0 3.0 5.5 5.0 0.0 1.5 3. 20 5.5 0.5 3.0 7.0 1.0 4.0 7.5 2.5 5.5 9.0 4.0 6.0 3.0 4.0 6.0 1.5 5.5 5.5 9.0 0.0 1.0 0.0 6.0 0.5 3.0 6.0 0.5 5.0 6.0 0.5 3.0 6.0 0.5 5.0 6.0 0.5 5.0 6.0 0.0 0.5 6.0 6.0 0.5 5.0 6.0 6.0 0.5 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	MAY MAY MAY 0 8.0 3.5 6.0 7.0 5.0 6.0 0 8.5 4.0 6.0 10.5 3.0 7.0 0 8.5 4.5 6.5 10.5 3.5 7.0 11.5 4.0 7.5 5 12.0 5.0 8.5 11.0 4.5 8.0 5 11.0 4.5 8.0 10.0 3.5 7.0 0 9.5 3.0 6.0 0 9.5 3.0 6.0 0 9.5 3.0 6.0 10.5 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.0 3.5 7.0 10.5 4.5 7.5 10.5 4.5 7.5
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10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	IR.
1	11.0	4.5	7.5	18.0	11.0	14.5	19.0	16.0	17.5	21.0	12.5	16.5
2	11.5	5.5	8.5	18.0	11.0	14.5	17.0	15.5	16.0	22.5	14.0	18.0
3	12.0	5.5	9.0	19.0	11.5	15.5	19.5	13.0	16.0	19.0	16.0	17.0
4	12.5	6.5	9.5	19.0	11.0	15.5	23.0	15.5	19.0	19.5	13.5	16.5
5	12.5	6.5	9.5	19.0	11.0	15.5	22.0	14.5	18.0	21.5	13.5	17.0
6	13.0	7.0	10.0	19.5	11.5	15.5	21.5	14.0	18.0	20.5	13.5	17.0
7	14.0	8.0	11.0	19.0	11.5	15.5	22.0	13.5	17.5	19.5	14.0	16.5
8	14.0	8.0	11.0	20.0	11.5	15.5	22.0	14.0	18.0	18.0	13.5	15.5
9	14.0	8.5	11.0	21.0	12.5	17.0	21.5	13.5	17.5	15.5	12.5	13.5
10	14.0	8.0	11.0	21.5	13.5	17.5	22.0	13.5	18.0	17.5	10.0	13.5
11	14.0	8.5	11.0	21.5	13.5	17.5	22.5	14.5	18.5	19.5	11.5	15.0
12	13.5	8.5	11.0	21.0	13.5	17.5	22.5	14.5	18.5	20.5	13.0	16.5
13	14.0	9.5	11.5	21.5	14.0	17.5	22.0	14.5	18.0	19.5	13.0	16.5
14	14.0	9.0	11.5	21.5	13.5	17.5	22.5	14.5	18.5	19.0	12.0	15.5
15	14.5	9.5	12.0	22.0	14.0	18.0	24.0	16.0	19.5	18.5	12.5	15.5
16	16.0	10.0	13.0	23.0	14.5	18.5	24.0	16.0	19.5	17.5	11.5	14.5
17	15.5	11.0	13.0	23.0	15.5	19.5	24.5	16.0	20.0	16.5	10.0	13.5
18	15.0	11.0	13.0	22.5	16.5	19.5	24.5	16.5	20.0	17.0	9.5	13.5
19	15.5	10.0	12.5	23.5	17.0	20.0	24.5	16.5	20.5	17.5	11.0	14.0
20	15.0	9.5	12.5	24.0	18.0	21.0	23.0	16.5	20.0	18.0	11.5	14.5
21	15.0	9.5	12.0	24.5	16.0	20.0	20.5	18.0	19.0	18.5	11.0	14.5
22	15.0	9.0	12.0	24.5	17.0	20.5	23.0	16.0	19.0	18.5	11.5	15.0
23	12.0	9.0	10.5	22.0	18.5	19.5	23.5	15.5	19.0	18.5	12.0	15.0
24	15.0	7.5	11.0	24.0	16.5	20.0	24.0	16.0	19.5	19.0	12.0	15.0
25	16.5	9.0	12.5	23.5	17.0	20.0	23.5	15.5	19.0	18.5	12.0	15.0
26	17.0	9.5	13.5	23.5	16.5	20.0	22.5	17.0	19.5	18.0	11.0	14.5
27	18.5	11.0	14.5	21.0	17.0	19.5	22.5	15.5	18.5	17.5	10.5	14.0
28	19.5	11.5	15.5	22.0	15.5	19.0	22.5	15.5	18.5	18.0	11.5	14.5
29	18.5	12.0	15.5	25.0	17.0	21.0	22.5	14.5	18.5	17.0	11.5	14.5
3 0	18.0	11.0	14.5	25.5	18.5	22.0	22.5	14.0	18.0	17.0	11.0	14.0
31				23.0	19.0	20.5	19.0	15.0	16.5			
MONTH	19.5	4.5	11.7	25.5	11.0	18.2	24.5	13.0	18.5	22.5	9.5	15.2
YEAR	25.5	0.0	8.0									

10336645 GENERAL CREEK NEAR MEEKS BAY, CA

(Lake Tahoe Interagency Monitoring Program)

 $LOCATION.--Lat\ 39^{\circ}03'07",\ long\ 120^{\circ}07'03",\ in\ NE\ ^{1}/_{4}\ NE\ ^{1}/_{4}\ sec. 20,\ T.14\ N.,\ R.17\ E.,\ El\ Dorado\ County,\ Hydrologic\ Unit\ 16050101,\ on\ right\ bank\ 200\ ft\ upstream\ from\ State\ Highway\ 89,\ 0.4\ mi\ upstream\ from\ Lake\ Tahoe,\ and\ 1.1\ mi\ north\ of\ Meeks\ Bay.$

DRAINAGE AREA.--7.44 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- July 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,250.38 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are fair. No known diversion or regulation upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 797 ft³/s, January 2, 1997, gage height, 7.86 ft (backwater from plugged culvert), from rating curve extended above 180 ft³/s on basis of computation of flow through culvert; minimum daily, 0.29 ft³/s, July 28, August 15, 1994.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 100 ft³/s or maximum:

EAIRE	WIES FOR	CURRENT	ЕАК.—г				scharge of					
					ge Gage heig	ht			charge Gag	_		
		Date	Time	(ft^3/s)	(ft)		Date	,	t ³ /s)	(ft)		
		May 28	2200	*242	*2.80		No oth	er peaks greater	r than base dis	charge		
		DISC	HARGE, C	JBIC FEET	PER SECOND DAI	, WATER YE LY MEAN VA	EAR OCTOB	ER 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.87	0.82	1.5	e5.0	18	6.2	44	12	118	3.7	1.5	0.99
2	0.84	0.84	1.5	4.8	18	6.1	26	12	117	3.3	1.5	0.94
3	0.84	0.84	1.5	4.5	15	6.2	21	14	113	e3.0	1.5	0.98
4	0.86	0.84	1.5	4.6	14	6.2	18	19	110	2.8	1.4	1.1
5	0.86	0.84	1.5	4.5	e13	6.0	17	18	93	2.6	1.2	1.1
6	0.86	0.84	1.5	4.6	e13	6.4	15	20	83	2.4	1.2	0.95
7	0.84	1.9	1.5	4.9	e12	6.6	14	21	79	2.3	1.2	0.91
8	0.81	7.4	1.5	4.6	e11	6.6	17	20	73	2.2	1.1	0.94
9	0.80	4.5	1.5	4.7	e10	6.7	22	17	65	2.1	1.1	1.0
10	0.80	2.5	1.5	4.9	e9.2	7.1	27	16	53	1.9	1.1	1.1
11	0.82	2.0	1.6	4.9	e8.4	7.5	29	19	40	1.9	1.1	1.0
12	0.83	2.0	1.7	4.8	e7.7	8.8	33	29	29	1.8	1.0	0.94
13	0.82	2.2	3.1	4.7	7.7	12	24	54	21	1.7	1.0	0.94
14	0.77	2.4	11	4.9	8.4	17	23	80	19	1.7	1.0	0.93
15	0.77	2.2	6.4	4.9	7.9	23	20	90	18	1.6	1.0	0.94
16	0.77	2.0	6.8	4.6	7.7	18	17	88	17	1.6	0.95	0.98
17	0.78	1.9	e8.8	4.5	7.2	14	15	76	16	1.5	0.92	0.94
18	0.78	1.8	e7.9	4.7	7.7	12	15	81	15	1.5	0.93	0.97
19	0.78	1.7	e7.2	5.1	7.0	10	15	79	14	1.4	0.88	1.0
20	0.73	1.7	e6.4	5.2	6.6	10	15	86	12	1.4	0.87	1.0
21	0.77	1.8	e5.6	5.5	6.5	10	16	110	11	1.4	1.7	0.99
22	0.80	2.0	5.1	6.0	6.9	12	15	134	9.8	1.4	1.6	1.00
23	0.83	2.1	4.5	16	7.1	21	14	156	8.8	1.4	1.2	0.90
24	0.78	2.1	4.5	22	6.7	23	16	159	8.5	1.4	1.1	0.91
25	0.79	1.9	e4.5	19	6.6	21	16	140	8.2	1.3	1.1	0.90
26	0.77	1.8	4.4	18	6.6	51	14	125	7.4	1.4	1.2	0.91
27	0.83	1.7	5.4	21	6.6	54	15	152	6.4	1.4	1.1	0.88
28	0.84	1.7	6.6	29	6.2	30	14	168	5.7	1.4	0.98	0.86
29	0.85	1.7	9.8	21		24	14	163	5.0	1.3	0.97	0.86
30	0.84	1.5	5.7	17		25	12	153	4.1	1.2	0.90	0.94
31	0.84		e5.4	16		39		126		1.3	0.95	
TOTAL	25.17	59.52	137.4	285.9	262.7	506.4	573	2437	1179.9	57.3	35.25	28.80
MEAN	0.81	1.98	4.43	9.22	9.38	16.3	19.1	78.6	39.3	1.85	1.14	0.96
MAX	0.87	7.4	11	29	18	54	44	168	118	3.7	1.7	1.1
MIN	0.73	0.82	1.5	4.5	6.2	6.0	12	12	4.1	1.2	0.87	0.86
AC-FT	50	118	273	567	521	1000	1140	4830	2340	114	70	57

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10336645 GENERAL CREEK NEAR MEEKS BAY, CA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2003 BY WATER YEAR (WY)

STATIST	ICS OF I	MONTHLY MEAN	I DATA I	FOR WATER Y	EARS 1980	- 2003,	BY WATER	YEAR (WY)				
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	2.04	6.36	8.44	9.62	12.3	18.0	37.7	63.4	35.2	6.39	1.33	1.32
MAX	15.5	45.4	58.7	68.9	64.2	60.1	70.4	114	158	49.6	4.72	4.36
(WY)	1983	1982	1982	1997	1986	1986	1989	1999	1983	1983	1983	1983
MIN	0.73	0.84	0.89	0.90	0.99	5.86	15.9	7.18	1.63	0.49	0.35	0.39
(WY)	1993	1993	1991	1991	1991	1994	1991	1992	2001	1994	1994	1992
SUMMARY	STATIS'	TICS	FOR	2002 CALEN	DAR YEAR	H	FOR 2003 W	ATER YEAR		WATER YEARS	1980	- 2003
ANNUAL	TOTAL			4600.07			5588.34	1				
ANNUAL	MEAN			12.6			15.3			16.8		
HIGHEST	C ANNUAL	MEAN								34.7		1982
LOWEST	ANNUAL I	MEAN								4.96		1988
HIGHEST	C DAILY	MEAN		95	Apr 14		168	May 28		600	Jan	1 1997
LOWEST	DAILY M	EAN		0.73	Oct 20		0.73	3 Oct 20		0.29	Jul 2	8 1994
ANNUAL	SEVEN-D	AY MINIMUM		0.76	Sep 22		0.7	7 Oct 14		0.31	Aug 1	5 1994
MAXIMUN	1 PEAK F	LOW					242	May 28		797	Jan	2 1997
MAXIMUN	1 PEAK S	TAGE					2.80	May 28		7.86	Jan :	2 1997
ANNUAL	RUNOFF	(AC-FT)		9120			11080			12200		
10 PERC	CENT EXC	EEDS		48			29			51		
50 PERC	CENT EXC	EEDS		4.5			4.9			3.3		
90 PERC	CENT EXC	EEDS		0.83			0.86	5		0.83		

10336645 GENERAL CREEK NEAR MEEKS BAY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1981 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1980 to September 1983.

WATER TEMPERATURE: October 1980 to September 1992.

SUSPENDED-SEDIMENT DISCHARGE: October 1980 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

					Dis-	pH,	Specif.			Ammonia	Ammonia +		¹ Nitrite
		Instan-	Baro-		solved	water,				org-N,	org-N,		nitrate
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
Doto	Time	dis-	pres-		percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	TIME	charge, cfs	sure, mm Hq	mg/L	of sat- uration	std units	uS/cm 25 degC	air, deg C	water, deg C	mg/L as N	mg/L as N	mg/L as N	mg/L as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
22	1455	.80	607	9.2	92		60	12.2	5.5		.14	.004	.002
NOV													
07	1900	2.1					62	2.5	3.5	.15	.15	<.003	.004
07	2245	4.9					68	4.5	3.5	.28	.48	.003	.006
08	0910	8.3					65	3.5	2.8	.57	.88	.004	.011
08	1920	6.6 4.2					62 56	3.8	3.5	.69	.75	.005	.013
09 DEC	1430	4.2					56	.0	3.0	.29	.30	.004	.019
05	1910	1.5	606	10.6	95		54	-1.5	1.5		.10	.004	.003
13	2120	7.0					45	2.5	1.5	.07	.26	.004	.003
14	0845	11					36	6.5	1.9	.22	.28	.003	.009
14	1730	12					32	.0	1.0	.19	.24	.005	.010
JAN 2003													
20	1650	5.2	607	11.3	100		35	1.0	1.0		.10	< .003	.003
23	0925	15					29	3.0	.5	.09	.14	< .003	.004
23	1615	18					26	2.5	.5	.13	.20	< .003	.006
28	1250	28					23	3.0	1.2	.14	.27	<.003	.007
FEB													
20	1635	6.6	606	10.7	97		31	2.5	2.0		.17	<.003	.003
MAR							0.5						
15 24	1210 1230	28 22	606	10.4	99		25 24	1.0 6.5	1.5	.15	.23 .15	<.003 <.003	.009
26	1245	64					22	4.0	2.5	.16	.42	<.003	.003
26	1820	77					19	1.2	1.2	.17	.23	<.003	.004
APR	1020	.,					10	1.2	1.2	/	.23	1.005	.000
10	1900	25	604	10.3	99		20	3.5	3.8		.14	< .003	.002
MAY													
06	1655	21	602	10.1	99		26	6.5	4.5		.10	< .003	.002
10	1310	15					27	8.0	5.5	.09	.17	< .003	.002
14	1930	88					17	11.0	5.0	.12	.20	.003	.003
17	0825	71				7.0	16	4.0	1.5	.08	.19	.003	.003
24	1015	127					12	14.5	3.0	.06	.17	<.003	.003
29	1755	151					11	22.5	7.5	.13	.15	.005	.003
31	0740	122					11	6.5	3.0	.12	.11	.003	.003
JUN 01	2005	133					11	16.0	7.5	.12	.14	.003	.003
07	2005	133 78	606	8.7	98		13	16.0	10.5	.12	.14	.003	.003
15	2120	18					21	13.0	11.0	.11	.13	.003	.004
JUL	2120	10					2.1	13.0	11.0	.11	.13	.003	.005
08	1650	2.1	610	7.3	96		41	24.0	17.5		.16	.005	.003
AUG	2000		010		, ,			21.0	2				
14	1750	.80	611	6.8	89		55	23.8	17.5		.11	< .003	.002
21	1805	2.9					56	15.0	15.0	.12	.21	.003	.003
21	2045	2.5					56		14.0	.15	.20	.004	.002
SEP													
22	1200	1.1	609	8.1	91		78	19.0	10.5	.06	.08	.003	.005

PYRAMID AND WINNEMUCCA LAKES BASIN 10336645 GENERAL CREEK NEAR MEEKS BAY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
OCT 2002					
22	.011	.022	.022	<1	< .01
NOV					
07	.015	.029	.035	2	.01
07	.029	.060	.111	22	.29
08	.027	.058	.050	10	.22
08	.011	.041	.070	18	.32
09	.006	.023	.029	2	.02
DEC					
05	.009	.013	.014	<1	< .01
13	.013	.021	.045	14	.26
14	.007	.013	.028	5	.15
14	.004	.009	.021	9	.29
JAN 2003					
20	.003	.008	.009	3	.04
23	.002	.006	.015	6	.24
23	.002	.007	.012	4	.19
28	.002	.006	.007	4	.30
FEB				_	
20	.003	.008	.010	<1	<.02
MAR					
15	.004	.009	.016	11	.83
24	.002	.008	.007	<1 47	<.06 8.1
26	.005	.011	.043	20	4.2
APR	.004	.011	.023	20	4.2
10	.007	.006	.011	<1	<.07
MAY	.007	.006	.011	< 1	<.07
06	.002	.007	.009	1	.06
10	.001	.005	.008	1	.04
14	.001	.005	.024	50	12
17	.001	.004	.006	6	1.1
24	.002	.009	.014	10	3.4
29	.001	.006	.011	15	6.1
31	.001	.003	.007	7	2.3
JUN					
01	.002	.006	.009	17	6.1
07	.001	.006	.008	4	.84
15	.002	.008	.010	4	.19
JUL					
08	.009		.022	1	.01
AUG					
14	.015	.021	.025	1	< .01
21	.014	.021	.036	5	.04
21	.012	.018	.029	3	.02
SEP					
22	.016	.027	.026	<1	<.01

Remark Codes Used in This report:

< -- Less than

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°06′27", long 120°09′40", in NW 1 / $_{4}$ NE 1 / $_{4}$ sec.36, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, on right bank, 300 ft upstream from bridge on State Highway 89, 1,000 ft upstream from Lake Tahoe, and 4.6 mi south of Tahoe City. DRAINAGE AREA.--11.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 6,234.59 ft above NGVD of 1929. October 1, 1960, to September 30, 1964, at datum 10.25 ft lower and October 1, 1964, to August 27, 1970, at datum 12 ft lower, at site 400 ft downstream.

REMARKS.--Records good except for estimated daily discharges, which are fair. No known diversion or regulation upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 2,940 ft³/s, January 1, 1997, gage height, 9.82 ft; maximum gage height, 9.90 ft, site and datum then in use, December 22, 1964; minimum daily, 0.50 ft³/s, September 24, 1968.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 200 ft³/s and maximum(*):

			I	Discharge	Gage height	i		Γ	Discharge Ga	ge height		
		Date May 28	Time	(ft ³ /s) *372	(ft) *3.01		Date No othe	Time	(ft ³ /s) ater than base dis	(ft)		
		DISCHA	RGE, CUBIC	FEET PE			YEAR OCTO	BER 2002	TO SEPTEM	IBER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAX	/ JUN	JUL	AUG	SEP
1	1.6	1.4	3.4	e11	36	14	73	26		31	5.2	3.1
2	1.6 1.6	1.4 1.4	3.4	e10 10	32 29	13 13	58 48	21		29 27	5.4 5.4	3.1
4	1.6	1.5	3.5	10	27	13	44	35		25	5.0	3.6
5	1.6	1.5	3.4	10	26	13	40	3.5	188	23	4.6	3.6
6	1.5	1.5	3.5	10	24	13	36	3 9		21	4.6	3.4
7 8	1.5 1.5	3.2 17	3.5	10 10	23 e22	13 14	35 38	4 (19 18	4.8	3.2
9	1.4	11	3.5	10	e20	14	44	3 5		17	3.9	3.2
10	1.4	3.6	3.5	10	19	14	50	3.5	146	16	3.6	3.3
11	1.4	2.6	3.5	10	19	14	58	41		15	3.4	3.0
12 13	$\frac{1.4}{1.4}$	2.8	3.5 6.0	10 10	18 19	17 22	58 49	51 71		14 13	3.2	2.9
14	1.3	3.6	e18	10	19	27	44	112		12	3.1	2.8
15	1.3	3.3	e10	10	19	3 5	39	139	9 86	11	2.9	2.6
16	1.3	3.1	e11	10	19	29	36	136		11	3.0	2.4
17 18	1.3	3.1 3.2	e14 e13	10 10	18 17	25 23	34 33	129 130		10 9.7	3.1	2.5
19	1.3	3.1	e11	10	17	22	32	126		9.0	2.7	2.5
20	1.4	3.3	e11	11	16	22	32	137		8.7	2.6	2.3
21	1.4	3.5	e9.9	11	16	22	32	175		8.3	5.1	2.3
22 23	1.3	3.9 3.9	e9.0 8.0	13 e28	15 15	24 49	3 0 3 0	209		7.8 7.7	4.7	2.2
24	1.4	3.9	e8.0	e38	15	51	33	252		7.7	3.6	2.1
25	1.4	3.8	e8.0	36	15	46	3 0	228		6.9	3.5	2.0
26	1.3	3.7	8.1	32	14	120	29	198	3 41	6.6	3.7	2.0
27	1.4	3.6	e9.1	e36	14	93	28	230		6.3	3.3	2.0
28 29	1.5	3.5	e10 e11	e39 e36	14	65 56	28 27	274 273		6.1 5.6	3.1	2.0
30	1.4	3.4	e11	33		58	26	273		5.5	3.2	1.9
31	1.5		e11	32		70		214		5.3	3.2	
TOTAL	44.1	111.5	238.7	536	557	1024	1174	3973		412.8	117.6	79.9
MEAN MAX	1.42	3.72 17	7.70 18	17.3 39	19.9 36	33.0 120	39.1 73	128 274		13.3 31	3.79 5.4	2.66 3.6
MIN	1.3	1.4	3.4	10	14	13	26	275		5.3	2.6	1.9
AC-FT	87	221	473	1060	1100	2030	2330	7880		819	233	158
STATIST	ICS OF MO	ONTHLY MEA	N DATA FO	R WATER Y	EARS 1961	- 200	3, BY WATE	R YEAR	(WY)			
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4.66	12.1	19.1	24.8	21.0	30.3	60.7	128	3 100	28.3	5.61	2.81
MAX	28.1	94.8	157	201	116	122	124	312		149	36.1	10.3
(WY) MIN	1963 1.19	1984 1.68	1965 1.90	1997 2.00	1986 2.27	1986 3.82	1989 13.6	1969 29.7		1983 2.76	1983 1.31	1982
(MA)	2002	1978	1.90	1991	1991	1977		1977		2001	2001	2001
SUMMARY	STATIST	ICS	FOR 20	002 CALEN	DAR YEAR		FOR 2003	WATER YE	EAR	WATER YEA	RS 1961 -	2003
ANNUAL				10143.2			11518.					
ANNUAL	MEAN 'ANNUAL I	MEAN		27.8			31.	6		36.5 73.4		1000
	ANNUAL M									73.4	1	1982 1977
HIGHEST	DAILY M	EAN		172	Apr 14		274	May	28	2000	Jan 1	1997
	DAILY ME				Oct 14			3 Oct			0 Sep 24	
	SEVEN-DA: PEAK FLO	MUMINIM Y		1.3	Oct 13			3 Oct May			4 Sep 23 Jan 1	
	PEAK FE							01 May			0 Dec 22	
ANNUAL	RUNOFF (AC-FT)		20120			22850			26430		
	ENT EXCE			92			87			106		
	ENT EXCE			9.9 1.5			11 1.	6		10 2.1		
20 11110		~		1.5			τ.	-		2.1		

e Estimated

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975-78, 1980 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: December 1980 to September 1983.

WATER TEMPERATURE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.

SUSPENDED-SEDIMENT DISCHARGE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,				org-N,	org-N,		nitrate
		taneous	metric	Dis-	oxygen,		tance,	Temper-	_	water,	water,	water,	water
		dis-	pres-		percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,	sure,	oxygen,			uS/cm	air,	water,	mg/L	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC	deg C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
22	1355	1.3	605	9.5	99		78	10.0	7.1		.04	.003	< .002
NOV													
07	1755	3.0					75	3.2	4.5	.10	.11	< .003	.003
07	2145	6.5					71	4.0	3.5	.25	.29	< .003	.004
08	0810	8.4					72	3.0	3.0	.23	.31	.004	.005
08	1605	20					63	4.0	4.0	.25	.67	< .003	.004
08	1625	22					62			.25		< .003	.004
08	1720	20					62	3.5	4.0	.24	.61	.003	.030
09	1330	5.7					60	.0	3.0	.25	.30	< .003	.133
DEC													
05	1805	3.3	607	10.2	97		69	-1.0	3.5	.05	.07	.004	.002
13	2020	9.7					57	2.5	2.5	.13	.26	.004	.003
14	0755	E62					41	3.5	1.5	.22	.42	<.003	.056
14	1630	E39					45	. 0	1.5	.11	.18	.004	.078
JAN 2003													
20	1535	11	607	10.4	100		59	2.5	4.0		.07	< .003	.004
23	0830	E38					47	3.0	1.2	.15	.17	<.003	.016
23	1510	E37					47	3.0	3.0	.09	.10	< .003	.018
28	1155	E49					48	2.0	2.5	.10	.12	<.003	.035
FEB													
20	1530	16	607	10.0	99		58	2.5	5.3		.12	<.003	.004
MAR													
15	1120	40					49	.0	1.2	.07	.15	<.003	.032
24	1120	47	606	10.1	100		50	3.2	5.0	.08	.13	<.003	.028
26	1155	175					37 40	2.5	2.5	.13	.90	<.003	.045
26 APR	1730	155					40	1.5	2.5	.14	.24	<.003	.060
10	1805	52	605	9.8	99		49	7.0	6.0		.11	< .003	.018
MAY	1003	52	605	9.0	99		4.5	7.0	6.0		.11	<.003	.010
06	1545	38	602	9.2	99		56	6.5	8.0		.13	<.003	.002
10	1205	33					54	4.5	7.5		.13	<.003	.002
14	1845	148					40	11.8	4.5	.12	.38	.004	.016
17	0720	122				7.2	42	.0	1.8	.11	.19	.004	.030
24	1145	192					35	17.0	6.0	.07	.16	.003	.031
29	1615	266					30	22.5	8.0	.06	.15	.004	.018
31	0650	200					32	3.0	3.0	.12	.17	.004	.026
JUN													
01	1920	240					29	17.0	6.0	.11	.21	.004	.016
07	1905	230	607	9.5	100		26	20.0	7.5	.15	.21	.003	.009
15	2030	94					31	14.0	8.5	.11	.12	.003	.002
26	1805	41					39	20.0	14.5	.10	.12	<.003	.003
JUL													
08	1545	17	610	7.4	98		46	23.0	18.0	.09		.009	.003
AUG													
14	1635	2.8	611	7.2	98		68	24.5	19.5		.06	< .003	.002
21	1640	6.7					58		16.5	.20	2.0	.006	.006
21	1955	9.7					63	15.0	15.0	.09	.15	.003	.012
SEP													
22	1050	2.3	610	8.9	99		99	16.5	10.0	.08	.09	.003	.004

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
OCT 2002					
22	.007	.020	.022	<1	<.01
NOV 07	.010	.030	.027	5	.04
07	.007	.030	.050	13	.23
08	.008	.034	.047	9	.20
08	.006	.026	.209	100	5.4
08	.005	.025	.565	411	24
08	.005	.028	.175	82	4.4
09	.004	.019	.027	4	.06
DEC					
05	.007	.013	.011	3	.03
13	.005	.012	.037	13	.34
14	.004	.011	.089	77	E13
14	.003	.008	.019	13	E1.4
JAN 2003				_	
20	.003	.010	.009	1	.03
23	.003	.007	.031	29	E3.0
23	.001	.006	.013	9 5	E.90
28 FEB	.003	.009	.009	5	E.66
20	.004		.012	1	.04
MAR	.004		.012	_	.04
15	.004	.010	.019	11	1.2
24	.003		.011	4	.51
26	.005	.015	.143	187	88
26	.004	.013	.039	42	18
APR					
10	.003	.011	.014	3	.42
MAY					
06	.002	.010	.013	3	.31
10	.002	.008	.013	2	.18
14	.001	.005	.054	69	28
17	.001	.006	.012	7	2.3
24	.003	.017	.035	35	18
29	.004	.011	.063	86	62
31	.001	.010	.023	28	15
JUN 01	.002	.006	.039	52	34
07	.002	.006	.039	40	25
15	.001	.007	.017	10	2.5
26	.001	.007	.017	7	.77
JUL	.002	.009	.014	,	. , ,
08	.007		.019	3	.14
AUG	.007		.019	3	
14	.008	.016	.024	3	.02
21	.006	.029	.995	312	5.6
21	.004	.016	.032	13	.34
SEP					
22	.009		.018	<1	<.01

Remark Codes Used in This report:
< -- Less than
E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°08'27", long 120°12'40", in SE \(^1/_4\) SE \(^1/_4\) sec.16, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on left bank, 0.1 mi downstream from confluence with unnamed tributary, 3.2 mi west of William Kent Campground, and 4.8 mi southwest of Tahoe City.

DRAINAGE AREA.--4.96 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,600 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. No storage or diversion upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 1,220 ft³/s, January 1, 1997, gage height, 8.85 ft, from crest stage gage; no flow for some days in most years.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 50 ft³/s and maximum(*):

				D' 1				ъ	. 1 .	1 . 1.		
					Gage heigh	ıt		D	ischarge Ga			
		Date	Time	(ft^3/s)	(ft)		Date	Time	(ft^3/s)	(ft)		
		May 29	1830	*212	*5.26		No oth	er peaks great	er than base dis	charge		
		DISC	HARGE, C	UBIC FEET), WATER Y		ER 2002 TO) SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.43	0.26	1.4	e4.4	17	4.4	e21	9.6	124	17	1.3	0.40
2	0.45	0.31	1.4	4.3	15	4.3	e15	10	133	15	1.6	0.37
3	0.46	0.34	1.4	4.3	14	4.3	e13	12	133	14	1.4	0.37
4	0.49	0.33	1.4	4.3	13	4.2	e12	12	141	13	1.3	0.38
5	0.49	0.32	1.5	4.3	11	4.1	e10	12	125	12	1.2	0.34
6	0.45	0.34	1.4	4.3	9.8	4.3	8.8	14	121	12	1.2	0.30
7	0.44	1.9	1.4	4.1	9.0	4.4	8.9	14	127	11	1.0	0.27
8	0.43	e7.2	1.4	4.1	8.7	4.5	11	14	121	9.8	0.92	0.28
9	0.40	e4.2	1.4	4.1	7.4	4.7	13	12	109	8.8	0.84	0.30
10	0.38	e1.7	1.4	4.1	7.2	4.8	15	13	99	8.2	0.74	0.33
11	0.40	e1.3	1.3	3.8	7.0	5.1	19	15	86	7.4	0.66	0.31
12	0.40	e1.5	1.4	3.8	7.0	7.1	17	22	76	6.7	0.64	0.28
13	0.40	e1.7	e2.9	3.9	7.5	e10	14	31	66	6.0	0.58	0.26
14	0.39	e1.9	e8.9	3.9	7.1	e11	14	47	55	5.6	0.57	0.25
15	0.39	e1.8	e5.9	3.7	6.7	e12	15	61	48	5.1	0.52	0.24
16	0.38	e1.7	e3.6	3.7	e6.4	10	13	57	52	4.4	0.48	0.23
17	0.39	e1.7	e5.7	3.8	6.0	8.2	13	55	58	4.0	0.46	0.26
18	0.36	1.7	e5.0	3.9	5.9	7.2	12	55	53	3.7	0.43	0.27
19	0.34	e1.6	e4.3	4.0	5.6	6.5	12	55	43	3.4	0.40	0.26
20	0.35	e1.6	e3.8	3.9	5.5	6.5	12	66	37	3.1	0.38	0.24
21	0.38	e1.7	e3.5	4.1	5.3	6.5	12	89	34	2.8	1.6	0.23
22	0.40	e1.8	e3.3	e4.9	5.5	7.9	11	102	3 0	2.6	1.0	0.22
23	0.40	e1.9	e3.1	e13	5.3	e15	11	117	28	2.4	0.76	0.21
24	0.40	e1.9	e3.2	e17	5.2	e14	12	112	26	2.2	0.64	0.20
25	0.40	e1.8	e3.2	e16	4.9	e15	11	98	24	2.0	0.56	0.20
26	0.43	1.7	e3.1	e15	4.8	e29	14	86	22	1.9	0.63	0.20
27	0.45	1.6	e4.5	e19	4.6	e24	10	109	22	1.9	0.53	0.19
28	0.43	1.5	e5.4	e23	4.5	e18	10	126	22	1.7	0.47	0.20
29	0.40	1.5	e6.6	19		e17	10	146	21	1.5	0.44	0.20
3 0	0.39	1.5	e5.1	17		e19	9.6	138	18	1.4	0.40	0.23
31	0.36		e4.7	17		e23		133		1.3	0.44	
TOTAL	12.66	50.30	102.6	245.7	216.9	316.0	379.3	1842.6	2054	191.9	24.09	8.02
MEAN	0.41	1.68	3.31	7.93	7.75	10.2	12.6	59.4	68.5	6.19	0.78	0.27
MAX	0.49	7.2	8.9	23	17	29	21	146	141	17	1.6	0.40
MIN	0.34	0.26	1.3	3.7	4.5	4.1	8.8	9.6	18	1.3	0.38	0.19
AC-FT	25	100	204	487	430	627	752	3650	4070	381	48	16

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA--Continued

10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

							Ammonia	Ammonia		¹ Nitrite	Ortho-
			pН,	Specif.			+	+		+	phos-
		Instan-	water,	conduc-			org-N,	org-N,	Ammonia	nitrate	phate
		taneous	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water	water
		dis-	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,	fltrd
Date	Time	charge,	std	uS/cm	air,	water,	mg/L	mg/L	mg/L	mg/L	mg/L
		cfs	units	25 degC	deg C	deg C	as N	as N	as N	as N	as P
		(00061)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)	(00671)
OCT 2002											
22	1035	.40		45	8.0	4.0		< .04	.003	.003	.002
NOV											
08	1145	E12		48	3.8	.9	.40	.73	.003	.032	.007
DEC											
05	1415	1.6		43	6.5	2.0	.08	.10	.004	.002	.003
14	1320	E15		34	5.0	1.0	.22	.28	.005	.065	.004
JAN 2003											
20	1245	3.8		44	8.5	2.0		.07	< .003	.007	.002
23	1230	E13		38	4.8	2.0	.08	.09	< .003	.016	.001
FEB											
20	1145	5.5		40	6.0	1.8		.15	< .003	.003	.002
MAR											
21	1240	6.1		39	11.2	3.7	.06	.09	< .003	.003	.002
26	1455	E63		31	2.0	2.5	.14	.21	< .003	.034	.004
APR											
10	1515	14		35	6.0	3.5		.09	< .003	.005	.003
MAY											
06	1245	11		38	8.5	3.5		.09	< .003	.002	.001
14	1545	52		29	14.0	3.5	.10	.10	.004	.021	.001
17	1005	47	7.1	33	10.2	2.2	.05	.22	< .003	.022	.001
31	0910	110		27	11.5	3.0	.10	.13	.003	.017	.003
JUN											
07	1600	147		22	24.0	5.5	.15	.19	.004	.017	.001
15	1830	53		25	18.5	6.0	.09	.11	.003	.002	.003
JUL											
08	1250	9.4		32	22.5	12.0	.09	.13	E.007	.003	.006
AUG											
14	1330	.50		42				.08	< .003	.002	.003
SEP											
19	1235	.30		46	21.5	12.0	.05	.05	< .003	.004	.003

PYRAMID AND WINNEMUCCA LAKES BASIN 10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	water, fltrd, mg/L	unfltrd	tration mg/L	tons/d
OCT 2002				
22 NOV	.012	.011	1	<.01
08 DEC	.035	.040	11	E.36
05	.007	.006	2	.01
14	.009	.022	8	E.32
JAN 2003	.009	.022	0	E.32
20	.007	.006	4	.04
23	.005	.007	2	E.07
FEB				
20	.008	.008	3	.04
MAR				
21	.008	.008	<1	< .02
26	.012	.017	23	E3.9
APR				
10	.008	.010	<1	< .04
MAY				
06	.006	.008	<1	< .03
14	.004	.033	43	6.0
17	.005	.008	4	.51
31	.007	.013	10	3.0
JUN				
07	.006	.032	30	12
15	.007	.016	2	.29
JUL				
08		.013	1	.03
AUG				
14	.009	.011	<1	< .01
SEP				
19	.016	.017	<1	<.01

Remark Codes Used in This report: < -- Less than E -- Estimated

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336675 WARD CREEK AT STANFORD ROCK TRAIL CROSSING NEAR TAHOE CITY, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°08'13", long 120°10'48", in NE ¹/₄ NW ¹/₄ sec.23, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on left bank, 1.5 mi west of William Kent Campground, 1.7 mi upstream from mouth, and 3.6 mi southwest of Tahoe City. DRAINAGE AREA.--8.97 mi².

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)
OCT 2002										
22 NOV	1150	79	5.0		.08	.005	.002	.013	.025	.023
08 DEC	1325	57	2.5	.48	.97	.003	.035	.016	.044	.047
05	1545	58	2.0	.07	.07	< .003	.002	.009	.016	.015
14	1505	41	1.0	.20	.24	.006	.043	.007	.013	.018

Remark Codes Used in This report:

< -- Less than

Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°07'56", long 120°09'24", in NW ¹/₄ SE ¹/₄ sec.24, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on right bank 165 ft downstream from State Highway 89 Bridge, 2.1 mi north of Tahoe Pines, and 2.6 mi southwest of Tahoe City

DRAINAGE AREA.—9.70 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1972 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 6,230 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. Minor diversions for local water supply upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 2,530 ft³/s, January 1, 1997, gage height, 9.36 ft; no flow for many days during several years.

Discharge Gage height

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 100 ft³/s and maximum(*):

Discharge Gage height

			Date	Time	(ft^3/s)	(fi	t)	Date	Time	(ft ³ /s) (ft)	0		
			March 26	1145	185	5.	59	May 29	9 1815		*6.04			
		דת						•			SEPTEMBER	2003		
		2.	Dommton,	00210 1			LY MEAN			2002 10	0211212210	2003		
DAY	OCT	NOV	DEC	J.	AN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP
1	0.38	e0.80	2.8	e8	.6 €	27	8.1		54	21	159	18	2.1	1.1
2	0.43	e0.80	2.7			26	8.3		43	24	166	16	2.4	1.0
3	0.47	e0.83	2.7			24	7.9		38	27	166	15	2.3	1.1
4	0.49	e0.83	2.7			22	7.7		32	3 0	174	14	1.9	1.1
5	0.52	e0.87	e2.7	e8	.4 €	22	7.6		31	3 0	149	12	1.8	0.92
6	0.50	e0.91	2.7	8	.2 €	21	7.8		26	32	139	11	1.7	0.80
7	0.55	2.9	2.5			20	8.1		26	32	147	10	1.7	0.73
8	0.45	33	e2.5		.0 €	19	8.4		3 0	32	140	9.4	1.7	0.68
9	0.45	16	2.6	e8	.1 €	17	8.8		35	28	122	8.6	1.6	0.70
10	0.45	13	2.6	e8	.2 €	16	9.0		39	27	106	8.0	1.5	0.81
11	0.49	4.9	e2.6	e8	.2 €	14	9.6		46	32	89	7.4	1.4	0.77
12	0.54	4.1	2.5	e8	.1 €	13	13		44	44	77	6.5	1.3	0.71
13	0.57	4.7	e8.8	e8	. 1	13	20		53	61	69	5.9	1.3	0.67
14	0.58	4.5	e20	e8	. 0	13	24		48	89	61	5.5	1.3	0.62
15	0.59	3.9	e12	e7	. 9	13	33		33	109	56	5.0	1.2	0.57
16	0.61	3.6	e13	e7	.9 €	13	25		3 0	101	57	4.6	1.1	0.53
17	0.62	3.5	e15	e7	. 8	12	21		29	97	60	4.3	1.1	0.55
18	0.64	3.3	e14	e7	.9 €	12	18		28	96	58	4.1	1.1	0.59
19	0.65	3.3	e13	e8	. 2	10	17		27	92	50	3.8	1.00	0.59
20	0.70	e3.4	e13	e8	. 2	10	17		28	106	44	3.5	0.96	0.57
21	0.75	e3.5	e12	e8	. 7	10	17		28	139	39	3.3	2.2	0.50
22	0.77	e3.7	e10	9	. 7	9.8	20		25	167	34	3.1	2.4	0.47
23	0.79	e3.8	e9.1	e23		10	44		26	204	33	3.1	1.7	0.46
24	0.79	e3.6	e8.6	e27		9.6	42		29	220	3 0	3.0	1.5	0.43
25	0.84	e3.4	e8.5	e25		9.0	38		25	186	27	2.8	1.4	0.42
26	0.90	3.1	e7.9	e25		8.7	108		3 0	164	25	2.6	1.5	0.42
27	0.93	3.0	e8.6	e30		8.5	68		24	201	25	2.5	1.4	0.40
28	0.83	2.8	e9.4	e35		e8.3	49		24	236	24	2.3	1.2	0.37
29	0.81	e2.8	e9.6	e31			43		22	248	23	2.1	1.1	0.37
3 0	0.82	e2.8	e8.7	e26			46		21	217	20	2.0	1.1	0.40
31	e0.82		e8.6	e25			57			172		2.0	1.1	
TOTAL	19.73	141.64	241.4	428	.9 4	10.9	811.3		974	3264	2369	201.4	47.06	19.35
MEAN	0.64	4.72	7.79	13	. 8	14.7	26.2	3	2.5	105	79.0	6.50	1.52	0.65
MAX	0.93	33	20		3 5	27	108		54	248	174	18	2.4	1.1
MIN	0.38	0.80	2.5	7	. 8	8.3	7.6		21	21	20	2.0	0.96	0.37
AC-FT	39	281	479	8	51	815	1610	1	930	6470	4700	399	93	38

e Estimated.

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA--Continued

STATISTICS OF	MONTHLY	MEAN	DATA	FOR	WATER	YEARS	1973 -	2003	RY	WATER	YEAR	(WY)

STATIST	CICS OF	MONTHLY MEAN	N DATA F	OR WATER	YEARS 1973	- 2003,	BY WATER	YEAR (WY)					
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG		SEP
MEAN	2.95	10.1	11.7	16.7	14.6	21.2	42.5	91.9	74.2	21.4	3.72		1.69
MAX	22.4	73.9	92.5	144	77.7	80.3	89.2	177	265	123	26.9		7.93
(WY)	1983	1982	1982	1997	1982	1986	1989	1996	1983	1983	1983		1983
MIN	0.15	1.06	0.80	1.10	1.24	2.52	8.06	18.7	4.59	1.00	0.003		0.005
(WY)	1978	1978	1977	1991	1991	1977	1975	1977	1992	2001	1977		1977
SUMMARY	STATI:	STICS	FOR	2002 CALE	NDAR YEAR	F	OR 2003 WA'	TER YEAR		WATER YEARS	1973	- 1	2003
ANNUAL	TOTAL			7402.9	8		8928.68						
ANNUAL	MEAN			20.3			24.5			26.1			
HIGHEST	ANNUA	L MEAN								59.0			1983
LOWEST	ANNUAL	MEAN								5.29			1977
HIGHEST	DAILY	MEAN		131	May 18		248	May 29		1390	Jan	1	1997
LOWEST	DAILY I	MEAN		0.2	1 Sep 24		0.37	Sep 28		0.00	Aug	4	1977
ANNUAL	SEVEN-I	DAY MINIMUM		0.2	2 Sep 22		0.40	Sep 24		0.00	Aug	4	1977
MAXIMUM	1 PEAK	FLOW					357	May 29		2530	Jan	1	1997
MAXIMUM	PEAK S	STAGE					6.04	May 29		9.36	Jan	1	1997
ANNUAL	${\tt RUNOFF}$	(AC-FT)		14680			17710			18890			
10 PERC	CENT EX	CEEDS		68			59			75			
50 PERC	CENT EX	CEEDS		7.6			8.5			6.7			
90 PERC	CENT EX	CEEDS		0.4	4		0.66			0.85			

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-78, 1980 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1980 to September 1983.

WATER TEMPERATURE: October 1972 to June 1978 (storm season only for water years 1977-78), October 1979 to September 1992. SUSPENDED-SEDIMENT DISCHARGE: October 1972 to June 1978 (storm season only for water years 1977-78), October 1979 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

					Dis-	pH,	Specif.			Ammonia +	Ammonia +		¹ Nitrite
		Instan- taneous	Baro- metric	Dis-	solved oxygen,	water, unfltrd	_	Temper-	Temper-	org-N, water,	org-N, water,	Ammonia water,	nitrate water
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,		oxygen,			uS/cm	air,	water,	mg/L	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC		deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
22	1245	.80	605	9.9	101		77	10.2	6.2		.07	.004	.002
NOV													
07	1645	2.3					77	3.5	2.5	.07	.10	<.003	.003
07	2045	5.3					69	1.5	2.0	.35	.44	.003	.005
08 08	0705	18 33					61 60	2.5 4.0	1.0	 .47	.29	.003	.025
08	1415 1230	33 11					61	4.0	2.5	.47	.49 .26	.003	.031
DEC	1230	11					61		2.0	.27	.26	<.003	.062
05	1700	E2.9	608	11.6	100		62	1.0	. 0	.07	.08	< .003	.002
13	1915	E15					46	3.0	.0	.19	.25	.006	.002
14	0705	E90					39	3.8	.1	.30	.49	.007	.037
14	1550	E47					43	1.0	1.0	.17	.41	.005	.041
JAN 2003													
20	1430	E6.7	608	11.3	100		56	5.0	1.0		.07	< .003	.004
23	0730	E41					45	2.5	. 0	.14	.18	< .003	.007
23	1415	E37					46	3.5	2.0	.09	.12	< .003	.008
28	1055	E42					46	2.5	2.5	.09	.12	< .003	.011
FEB													
20	1430	9.7	607	10.8	100		52	2.8	2.5		.18	< .003	.003
MAR													
15	1015	42					43	1.0	.5	.08	.14	< .003	.004
21	1445	16	609	9.8	100		52	8.5	6.5	.12	.15	< .003	.002
24	1020	39					46	4.0	3.5	.11	.12	< .003	.002
26	1100	176					36	4.0	1.2	.12	.95	< .003	.021
26	1640	140					39	1.5	2.0	.14	.26	< .003	.029
APR													
10	1700	38	605	10.0	99		45	7.5	5.0		.13	< .003	.002
MAY													
06	1440	31	602	9.2	99		50	10.0	8.0		.12	<.003	.002
10	1105	25					48	5.5	5.5	.14	.16	<.003	.002
14	1750	127					40	14.0	6.2	.06	.21	.004	.007
17	0645	88 164				7.2	41 36	.0	1.5 7.5	.05	.18	.004	.017
24 29	1250 1420	225					31	17.5 27.0	7.5	.08	.25	<.003	.013
31	0555	161					32	4.0	3.0	.13	.13	.004	.010
JUN	0555	101					32	4.0	3.0	.13	.13	.004	.015
01	1830	205					30	20.0	6.0	.09	.15	.003	.010
07	1805	191	607	9.4	99		27	22.5	7.7	.11	.16	.003	.006
15	1950	61					31	17.0	9.0	.07	.14	<.003	.002
26	1720	25					38	22.0	14.5	.07	.11	.006	.002
JUL	1.20	23					50	22.0		,	•==		
08	1425	8.9	611	7.5	99		43	23.0	17.8	.10	.10	.004	.002
AUG		0.5	011					23.0	27.00				
14	1525	1.3	612	7.2	99		69	27.0	20.0		.12	< .003	.002
21	1715	2.8					66		16.5	.17	.28	<.003	.003
21	1905	4.5					66	15.0	15.0	.15	.19	.004	.012
SEP													
19	1440	.70	609	8.2	102		84		15.0			< .003	.003

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
0.00					
OCT 2002 22	000	000	.020	1	. 01
NOV	.008	.022	.020	1	<.01
07	.017	.033	.040	65	.40
07	.046	.074	.119	19	.27
08	.016	.049	.042	7	.34
08	.014	.042	.052	16	1.4
09	.012	.029	.031	6	.18
DEC					
05	.009	.015	.014	1	E.01
13	.011	.018	.039	13	E.53
14	.009	.017	.104	66	E16
14	.007	.014	.024	5	E.63
JAN 2003				_	
20	.006	.012	.011	2	E.04
23	.005	.011	.026 .014	13 8	E1.4 E.80
28	.005	.009	.014	1	E.11
FEB	.004	.011	.010	1	D.11
20	.006	.013	.012	<1	<.03
MAR	.000	.015	.012		1.03
15	.006	.011	.026	11	1.2
21	.005		.011	1	.04
24	.004		.011	3	.32
26	.008	.014	.165	203	96
26	.006	.014	.034	30	11
APR					
10	.004	.009	.028	3	.31
MAY				_	
06	.004	.014	.013	2	.17
10 14	.004	.010	.013	5 43	.34 15
17	.004	.006	.012	2	.48
24	.005	.018	.025	16	7.1
29	.005	.013	.023	28	17
31	.003	.007	.018	12	5.2
JUN					
01	.004	.008	.032	21	12
07	.004	.008	.023	20	10
15	.001	.008	.013	4	.66
26	.007	.014	.037	5	.34
JUL					
08	.007		.015	2	.05
AUG		0.4.5			
14	.010	.018	.025	1	<.01
21	.011	.024	.046	9	.07
21 SEP	.008	.020	.056	21	.26
19	.009	.016	.021	1	<.01
10	.005	.010	.021	_	~.UI

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

103366974 ROSEWOOD CREEK BELOW HIGHWAY 28 AT INCLINE VILLAGE, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°14′52″, long 119°56′36″, in SW 1 / $_4$ se 1 / $_4$ sec.15, T.16 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 50 feet upstream of confluence with Third Creek, 375 feet south of State Highway 28, and 1.0 mi east of intersection of Southwood Boulevard and State Highway 28.

DRAINAGE AREA .-- Not determined.

PERIOD OF RECORD.--March 2001 to current year.

REMARKS.--In March 2001, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	cfs	mm Hg	oxyger mg/L	percent , of sat uration	unfltrd field, - std units	wat unf uS/cm 25 deg0	Temper- ature, air, deg C	Temper- ature, water, deg C (00010)	+ org-N, water, fltrd, mg/L as N		Ammonia water,	water
NOV 2002													
08	0940	1.3					146	4.5	3.5	.43	1.8	.005	.022
DEC	1 4 0 0	2.0		0.0	0.77	D0 0	110		4 0	0.4	0.7	0.00	0.06
02 MAR 2003	1420	.30	597	9.9	97	E7.7	119	7.5	4.0	< .04	.07	< .003	.006
03	1340	.70	594	10.2	97	7.3	207	3.0	3.0	.09	.18	< .003	.016
APR													
08	1355	1.1					219	12.0	8.5	.08	.28	< .003	.021
MAY	4500	. 70											0.4.0
14 15	1700 1405						219 213	14.5 16.5	11.0 12.0	.22	.22	< .003	.010
22	1725						213	22.0	13.5	< . 04	< . 04	.003	.014
JUN	1/23						210	22.0	13.5		V.04	.003	.010
03	1205	. 40	604	8.1	96	7.7	188	22.0	12.5	.12	.20	.003	.018
SEP													
05	1235	.20	607	8.2	97	7.6	122	20.0	12.5	.11	.14	.005	.011
			Date		Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d	sieve diametr percent	c :		
			NOV 20 08 DEC 02 MAR 20		.040	.083	.653	503	1.8	54			

.008

.010

.009

.009

.011

.013

.017

.020

.017

.025

.024

.024

.030

.029

.045

.034

.032

.037

.031

.038

19

10

4

6

.02

.06

.02

.02

.01

.01

< .01

APR

JUN 03...

SEP

08... MAY 14...

15...

22...

^{.022} Remark Codes Used in This report:
 < -- Less than</pre>

E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

PYRAMID AND WINNEMUCCA LAKES BASIN 10336698 THIRD CREEK NEAR CRYSTAL BAY, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°14′26″, long 119°56′44″, in SW $^1/_4$ NE $^1/_4$ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 50 ft upstream from culvert on Lakeshore Boulevard, 600 ft upstream from mouth, and 3 mi east of Crystal Bay. DRAINAGE AREA.--6.02 mi 2 .

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1969 to September 1973, February to September 1975, and October 1977 to current year.

REVISED RECORDS.--WDR NV-78-1: Drainage area. WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,234.03 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are fair. One transmountain diversion to Washoe Valley. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 150 ft³/ s, June 18, 1982, gage height, 3.40 ft; maximum gage height, 3.77 ft, January 23, 1973; minimum daily, 0.66 ft³/ s, October 13, 14, 16-19, November 1-4, 1977.

				eak discharges					l maximu	m (*):		
				Discharge C				2	arge Gag			
		Date	Time	(ft^3/s)	(ft)			me $(ft^3/$	s)	(ft)		
		May 29	0730	*52	*2.85		No other pe	eaks greater th	an base disc	charge.		
		DISCH	HARGE, C	CUBIC FEET PE		WATER YI Y MEAN V		2002 TO S	EPTEMBER	2 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	1.4	2.5	e3.2	4.4	3.1	4.9	5.1	3 4	5.0	2.2	1.5
2	1.1	1.4	2.5	3.1	4.0	3.5	4.4	5.1	34	4.7	2.5	1.4
3	1.1	1.4	2.4	3.0	3.9	3.1	4.6	5.2	36	4.4	2.3	1.4
4	1.1	1.5	2.4	3.1	3.7	3.0	4.1	5.4 5.2	36	4.3	2.2	1.5
5	1.1	1.5	2.5	3.2	e3.5	3.0	5.1		33	4.1	2.0	1.5
6 7	1.1	1.4	2.5	3.1	e3.5	3.1	3.8	5.1	33	3.8	2.0	1.4
8	1.0	1.7 4.7	2.4	3.0	e3.5 e3.5	3.2	4.0	5.0 5.0	34 35	3.6	2.0	1.4 1.5
9	1.0	2.5	2.5	3.0	e3.5	3.3	4.5	5.0	33	3.1	1.9	1.5
10	1.0	2.2	2.4	3.0	3.5	3.3	4.7	5.0	30	3.2	1.8	1.6
11	1.1	2.2	2.5	3.0	3.2	3.3	4.9	5.1	27	3.2	1.8	1.5
12	1.1	2.6	2.3	2.9	3.2	3.6	5.4	5.6	24	3.1	1.8	1.4
13	1.2	2.8	2.8	3.0	3.4	4.0	6.0	7.0	21	3.0	1.8	1.4
14	1.1	2.5	3.1	3.0	3.3	4.2	6.2	9.1	19	2.9	1.8	1.4
15	1.2	2.4	2.7	2.9	3.2	4.5	5.4	11	18	2.8	1.8	1.3
16	1.3	2.3	2.6	2.9	3.2	4.0	5.1	13	17	2.8	1.7	1.3
17	1.3	2.2	e2.8	3.1	3.3	3.8	5.2	12	15	2.7	1.8	1.5
18	1.3	2.2	e2.8	3.3	e3.2	3.7	5.3	13	14	2.6	1.7	1.5
19	1.3	2.3	e2.8	3.3	3.1	3.6	5.7	13	12	2.6	1.4	1.5
20	1.4	2.6	e2.9	3.3	3.1	3.7	5.7	14	11	2.5	1.4	1.3
21	1.4	2.6	e2.9	3.3	3.1	3.6	5.7	17	10	2.4	3.0	1.3
22	1.4	2.5	e2.9	3.6	3.1	3.9	5.4	21	9.4	2.5	2.3	1.3
23	1.5	2.5	e3.0	5.2	3.1	4.3	5.3	25	9.6	2.7	1.8	1.2
24 25	1.5 1.4	2.4	e3.0 2.9	4.5	3.1	4.0	5.5 5.3	29 30	9.0 7.7	2.5	1.7	1.1 1.1
26	1.4	2.5	2.7	4.3	3.1	5.0	5.4	27	6.4	2.3	1.6	1.1
27	1.4	2.5	3.1	5.1	3.1	4.4	5.2	31	6.0	2.3	1.6	1.1
28 29	1.4	2.5	3.0 e3.2	4.8	3.3	4.1 4.1	5.3 5.4	39 41	5.8 5.6	2.2	1.6 1.5	1.1 1.1
30	1.4	2.5	e3.2	4.2		4.4	5.2	41	5.5	2.1	1.5	1.1
31	1.4		e3.2	4.3		4.8		35		2.1	1.5	
TOTAL	38.4	68.8	85.1	109.4	94.2	116.9	153.0	489.9	591.0	93.3	57.6	40.3
MEAN	1.24	2.29	2.75	3.53	3.36	3.77	5.10	15.8	19.7	3.01	1.86	1.34
MAX	1.5	4.7	3.2	5.2	4.4	5.0	6.2	41	36	5.0	3.0	1.6
MIN	1.0	1.4	2.3	2.9	3.1	3.0	3.8	5.0	5.5	2.1	1.4	1.1
AC-FT	76	136	169	217	187	232	303	972	1170	185	114	8 0
STATIST	ICS OF MC			FOR WATER YE								
MEAN	3.41	4.27	4.27	4.64	4.49	6.18	9.55	19.7	22.9	10.6	3.89	3.05
MAX	9.10	11.0	8.84	17.1	9.05	13.5	20.2	41.2	50.3	53.9	15.7	8.71
(WY) MIN	1984 0.79	1985 1.50	1996 2.31	1997 2.09	1986 2.35	1986 3.56	1986 5.10	1997 3.84	1982 1.81	1995 1.17	1983 0.94	1999 0.94
(WY)	1978	1978	1995	1985	1978	2002	2003	1988	2001	1994	1994	2001
SUMMARY	STATISTI	ICS .	FOR	2002 CALENI	DAR YEAR	F	OR 2003 WA	TER YEAR		WATER YEARS	1970 -	2003
ANNUAL	TOTAL			1751.58			1937.9					
ANNUAL				4.80			5.31			8.04		
	ANNUAL N									14.1		1983
	ANNUAL ME									2.92		1988
	DAILY ME				May 31			May 29		99		
		AN 7 MINIMUM			Sep 30 Aug 13			Oct 1 Oct 4			Oct 13 Oct 13	
	PEAK FLO			1.0	nug 13		52	May 29		150		
	PEAK STA							May 29		3.77		
ANNUAL	RUNOFF (A	AC-FT)		3470			3840	_		5820		
	ENT EXCEE			12			11			19		
	ENT EXCES			2.7			3.1			4.4		

1.4

1.7

1.1

90 PERCENT EXCEEDS

e Estimated.

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-73, 1978-1984, 1988 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,				org-N,	org-N,	Ammonia	
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
		dis-	pres-		percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,		oxygen,			uS/cm	air,	water,		mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration		25 degC	_	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
08	1740	1.0					75	14.5	9.5	< .04	.04	< .003	.003
NOV													
04	1345	1.4					74	9.0	3.5		< .04	.006	.002
08	1440	5.2					105	6.5	3.5	.55	>.60	.005	.024
DEC													
02	1545	2.5	604	10.3	97	E7.7	70	6.0	3.0	.06		< .003	.004
JAN 2003													
07	1410	3.0					91	4.0	2.5		.07	< .003	.004
FEB													
06	1440	E4.3					101	.5	.5		.13	< .003	.008
MAR													
03	1510	3.1	596	10.4	98	7.6	101	3.0	2.5	.05	.11	<.003	.004
26	1040	6.2					99	6.5	5.0	.12	.60	<.003	.008
APR	1405	4 5					0.0	0.0	2.0		1.4	000	000
02	1405 1145	4.5					88 96	-2.0 8.0	2.0		.14 .16	<.003	.008
08	1540	4.2					101	13.0	8.5	.13	.25	<.003	.008
22	0945	5.4					115	1.5	1.5	.13	.37	<.003	.014
MAY	0.543	5.4					115	1.5	1.5	. 1 /	.37	<.003	.014
01	1150	5.2					111	9.5	4.0		.13	< .003	.006
05	1420	5.2					115	11.0	8.0	.09	.12	<.003	.005
10	1530	5.0					105	9.5	8.5	.12	.24	<.003	.003
14	1940	10					63	12.0	8.0	.21	1.7	< .003	.005
15	1130	10					65	12.5	5.5	.21	.30	< .003	.013
19	1550	13					56	12.5	8.5	.05	.20	.003	.007
22	1210	18					47	15.0	6.5	.10	.29	.003	.010
22	1955	25					37	10.5	5.0	.09	1.2	.003	.013
27	1835	32					30	21.0	5.5	.12	1.0	.004	.009
JUN													
03	1655	41	605	9.1	101	7.6	28	23.5	9.7	.13	.33	.003	.004
09	1625	34					28	20.0	12.0	.11	.21	.003	.004
JUL													
10	1800	3.0					59	21.5	14.0		.10	.003	.009
AUG													
04	1645	2.0					67	21.0	15.5		.11	.008	.013
SEP		_								_			
05	1510	1.4	608	8.0	97	7.8	69	21.0	13.5	.08	.10	.004	.006

PYRAMID AND WINNEMUCCA LAKES BASIN 10336698 THIRD CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002						
08	.012		.021	1	<.01	
NOV	.012		.021	-	V.01	
04	.009	.021	.023	1	< .01	
08	.025	.064	.164	100	1.4	84
DEC						
02	.007	.013	.013	1	.01	
JAN 2003						
07	.005	.009	.013	2	.02	
FEB						
06	.006	.011	.025	8	E.09	
MAR						
03	.004	.014	.020	3	.03	
26 APR	.007	.018	.124	56	.94	74
02	.006	.013	.024	4	.05	
07	.004	.013	.014	4	.03	
08	.007	.013	.028	7	.08	
22	.003	.007	.018	4	.06	
MAY						
01	.004	.015	.024	5	.07	
05	.005	.012	.019	4	.06	
10	.004	.013	.019	4	.05	
14	.005	.015	.194	96	2.6	61
15	.006	.019	.043	14	.38	
19	.005	.012	.034	9	.32	
22	.005	.019	.042	22	1.1	
22	.007	.017	.256	226	15	41
27 JUN	.006	.016	.206	189	16	32
03	.006	.014	.061	86	9.5	
09	.007	.014	.044	38	3.5	
JUL	.007	.010	.011	30	3.3	
10	.011	.018	.026	1	.01	
AUG				_		
04	.011		.026	5	.03	
SEP						
05	.016	.021	.029	6	.02	

Remark Codes Used in This report:
< -- Less than
> -- Greater than
E -- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.—Lat 39°15'32", long 119°55'20", in SE $^{1}/_{4}$ SE $^{1}/_{4}$ sec.11, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 900 ft upstream from Tirol Drive, and about 1.5 mi northeast of Incline Village.

DRAINAGE AREA.--2.85 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- May 1990 to current year.

REVISED RECORDS.--WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,920 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes

 $EXTREMES FOR PERIOD OF RECORD. --Maximum discharge, 52 \text{ ft}^3 / \\ \text{height, 2.71 ft; minimum daily, 0.18 ft}^3 / \\ \text{s, August 19, 1992.} \\ \text{s, June 26, 1995 and January 2, 1997, gage height, 2.62 ft, maximum gage height, 2.71 ft}^3 / \\ \text{s, August 19, 1992.} \\ \text{solution of the properties of$

Discharge Gage height

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5.0 ft³/ s or maximum:: Discharge Gage height

		Doto	Time	(ft^3/s)	(ft)	•	Doto 7	Γime $(ft^3/$	s) (1	ft)		
		Date	Time							/		
		May 24	1800	*16	1.96		No other	peaks greater t	han base discha	arge		
		DISC	HARGE, C	UBIC FEET P		, WATER YE LY MEAN VA		R 2002 TO 8	SEPTEMBER 2	2003		
AY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.7	1.9	1.8	2.6	1.8	3.7	2.9	11	3.8	2.6	1.7
2	1.3	1.8	1.7	1.8	2.4	e1.9	3.2	3.1	11	4.0	2.9	1.6
3	1.4	1.8	1.5	1.8	2.2	1.9	3.2	3.0	11	3.8	2.7	1.6
4	1.4	1.8	1.5	1.8	2.2	1.9	3.0	3.0	10	3.7	2.5	1.8
5	1.4	1.7	1.6	1.9	e1.8	1.8	e3.3	3.2	9.9	3.6	2.4	1.7
6	1.3	1.7	1.6	1.8	1.7	1.7	2.9	3.4	9.4	3.6	2.3	1.5
7	1.3	2.0	1.5	1.9	1.8	1.8	3.1	3.1	9.1	3.5	2.3	1.5
8	1.2	3.5	1.5	1.9	1.9	1.9	3.3	2.9	8.9	3.5	2.2	1.5
9	1.2	2.3	1.5	1.8	1.9	1.9	3.4	2.9	8.7	3.4	2.1	1.6
10	1.2	2.2	1.5	1.8	1.8	1.8	3.6	3.2	8.3	3.4	2.0	1.7
11	1.2	2.2	1.5	1.8	1.7	1.9	4.0	3.8	8.0	3.3	2.0	1.5
12	1.2	2.6	1.5	1.7	1.7	2.3	3.8	4.6	7.6	3.2	1.9	1.5
13	1.2	2.4	1.8	1.7	1.9	2.7	3.5	5.9	7.2	3.1	1.9	1.5
14	1.2	2.2	2.1	1.8	1.8	2.6	3.3	6.8	6.7	2.9	1.9	1.5
15	1.2	2.2	1.7	1.8	1.8	2.4	3.1	7.4	6.4	2.8	1.8	1.5
16	1.2	2.1	1.6	1.8	1.8	2.2	3.1	7.7	6.1	2.8	1.8	1.4
17	1.2	2.1	e1.8	2.0	1.9	2.2	3.0	8.2	6.1	2.8	1.7	1.6
18	1.2	2.1	e1.8	2.1	e1.7	2.2	2.9	8.4	5.9	2.7	1.7	1.5
19	1.2	2.2	e1.8	2.2	1.8	2.2	3.1	8.5	5.8	2.7	1.6	1.5
20	1.2	2.4	1.9	2.1	1.8	2.1	3.2	9.2	5.8	2.8	1.6	1.5
21	1.2	2.4	1.8	2.1	1.8	2.2	3.1	10	5.5	2.7	2.5	1.4
22	1.3	2.4	1.7	2.1	1.9	2.4	3.0	11	5.2	3.0	1.9	1.4
23	1.5	2.4	1.7	3.5	1.9	2.5	2.8	12	4.9	3.0	1.3	1.4
24	1.6	2.2	1.7	2.8	1.8	2.5	2.9	12	4.3	2.8	1.8	1.3
25	1.6	2.0	1.7	2.6	1.9	2.6	2.8	12	4.2	2.7	1.7	1.3
26	1.6	2.1	1.7	2.6	1.9	3.6	2.8	12	4.8	2.6	1.9	1.3
27	1.6	2.0	2.0	2.8	1.9	3.1	3.0	12	4.6	2.5	1.9	1.3
28	1.6	2.0	2.0	2.9	2.2	2.9	3.0	13	4.4	2.4	1.8	1.3
29	1.6	1.9	1.9	2.6		3.1	2.9	13	4.2	2.4	1.7	1.3
30	1.6	1.9	1.8	2.5		3.4	2.9	12	4.2	2.2	1.6	1.4
31	1.7		e1.8	2.6		3.8		12		2.4	1.7	
TOTAL	41.9	64.3	53.1	66.4	53.5	73.3	94.9	232.2	209.2	94.1	61.7	44.6
MEAN	1.35	2.14	1.71	2.14	1.91	2.36	3.16	7.49	6.97	3.04	1.99	1.49
MAX	1.7	3.5	2.1	3.5	2.6	3.8	4.0	13	11	4.0	2.9	1.8
MIN	1.2	1.7	1.5	1.7	1.7	1.7	2.8	2.9	4.2	2.2	1.3	1.3
AC-FT	83	128	105	132	106	145	188	461	415	187	122	88

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV--Continued

STATIST	TICS OF M	ONTHLY MEAN	N DATA	FOR WATER	YEARS 1990	- 2003,	BY WATER	YEAR (WY)				
MEAN	2.00	2.11	1.98	2.26	2.05	2.85	5.20	9.81	9.70	5.52	2.84	2.02
MAX	3.99	3.60	3.57	7.42	3.94	5.39	11.0	21.6	26.8	22.5	9.30	5.05
(WY)	1996	1999	1996	1997	1996	1997	1997	1997	1995	1995	1995	1995
MIN	0.54	0.75	0.83	0.72	0.92	1.16	2.56	1.60	0.77	0.61	0.25	0.26
(WY)	1993	1993	1993	1991	1993	1991	1991	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1990 - 2003
ANNUAL TOTAL	1018.85	1089.2	
ANNUAL MEAN	2.79	2.98	4.19
HIGHEST ANNUAL MEAN			7.56 1995
LOWEST ANNUAL MEAN			1.02 1992
HIGHEST DAILY MEAN	11 May 17	13 May 28	36 Jun 26 1995
LOWEST DAILY MEAN	0.95 Jan 5	1.2 Oct 8	0.18 Aug 19 1992
ANNUAL SEVEN-DAY MINIMUM	1.0 Sep 20	1.2 Oct 8	0.21 Aug 1 1992
MAXIMUM PEAK FLOW		16 May 24	52 Jun 26 1995
MAXIMUM PEAK STAGE		a2.03 Apr 5	2.71 Jan 2 1997
ANNUAL RUNOFF (AC-FT)	2020	2160	3030
10 PERCENT EXCEEDS	6.9	5.9	9.9
50 PERCENT EXCEEDS	1.6	2.1	2.6
90 PERCENT EXCEEDS	1.2	1.5	0.77

e Estimated

a Backwater from ice

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,	conduc-			org-N,	org-N,	Ammonia	nitrate
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,	,	oxygen,			uS/cm	air,	water,	٠,	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration		25 degC	_	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
08	1500	1.2					38	20.0	6.0	.15	.24	< .003	.003
NOV													
04	0930	1.3					38	.5	.5		.05	< .003	.002
DEC													
02	1000	1.6	591	11.1	99		38	3.0	.5	.08	.09	< .003	.006
JAN 2003													
07	0920	1.8					38	. 0	1.5		.09	< .003	.031
FEB													
06	1025	1.7					37	-5.0	.0		.16	< .003	.039
MAR													
03	1000	1.9	585	10.8	99	6.4	37	1.0	1.0	.04	.14	< .003	.043
26	1440	4.1					32	5.0	3.5	.23	.83	< .003	.037
APR													
02	1010	3.4					34	-3.0	. 0		.25	< .003	.047
08	1120	2.9					35	9.0	1.5	.08	.13	< .003	.036
MAY													
05	1030	2.9					36	4.0	2.0	.08	.11	< .003	.032
15	1605	8.8					31	14.5	6.0	.21	1.1	< .003	.037
19	1105	7.5					30	7.0	3.0	.16	.26	.004	.031
22	1345	10					30	21.5	8.0	.05	.16	.003	.026
27	1410	13					29	22.5	9.0	.12	.60	.003	.019
JUN													
03 JUL	0945	10	594	9.8	100	7.0	27	13.0	5.4	.13	.23	<.003	.016
11	1215	3.2					35	22.5	8.0		.16	<.003	.010
AUG	1215	3.2					35	22.5	8.0		.10	<.003	.010
04	1215	2.7					40	20.0	10.0		.07	.004	.017
SEP	1215	2./					4.0	20.0	10.0		.07	.004	.01/
05	0840	2.2	595	8.9	98	7.0	39	8.5	8.5	.06	.09	<.003	.014
00	3040	2.2	223	0.5	20	/.0	33	0.5	0.5	.00	.00	~.005	.014

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	water, fltrd,	water,	Phos- phorus, water, unfltrd	Sus- pended sedi- ment concen- tration	sedi- ment	Suspnd. sedi- ment, sieve diametr percent
	as P	mg/L	mg/L (00665)	mg/L	tons/d	<.063mm
OCT 2002						
08 NOV	.009	.018	.021	2	.01	
04 DEC	.008	.019	.021	2	.01	
02 JAN 2003	.007	.012	.013	<1	<.01	
07 FEB	.010	.013	.015	2	.01	
06 MAR	.010	.015	.019	2	.01	
03	.010	.017	.021	2	.01	
26 APR	.012	.020	.088	43	.48	
02	.008	.007	.032	8	.07	
08 MAY	.010	.018	.021	4	.03	
05	.009	.015	.023	4	.03	
15	.011	.021	.051	85	2.0	38
19	.009	.015	.039	15	.30	
22	.012	.017	.064	38	1.0	
27 JUN	.012	.022	.082	72	2.5	
03 JUL	.011	.018	.031	14	.38	
11 AUG	.012	.020	.032	2	.02	
04 SEP	.013	.021	.028	3	.02	
05	.013	.017	.024	2	.01	

Remark Codes Used in This report:

< -- Less than

 $^{^1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°14'44', long 119°56'17", in SE $^1/_4$ SE $^1/_4$ sec.15, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on left bank, 200 ft downstream from culverts on State Highway 28, 0.6 mi upstream from Lake Tahoe, and 1.8 mi southeast of intersection of State Highways 431 and 28.

DRAINAGE AREA.--4.54 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1989 to current year.

REVISED RECORDS .-- WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,320 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 143 ft 3 / s, January 2, 1997, gage height, 3.25 ft, maximum gage height, 3.51 ft, July 11, 1996; minimum daily, 0.56 ft 3 / s, August 20, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17 ft³/s, May 24, gage height, 1.94 ft, maximum gage height 2.26, backwater from ice; minimum daily, 1.5 ft³/s, October 9, 10, 12-14, September 21-30.

,		D.T.G.	NIA DOD O	TD T G DD DD	DED GEGOVE	HAMPD 1	VEND COMODED	2000 500 0	I D T T T T T T T T T T T T T T T T T T			
		DISC	CHARGE, C	JBIC FEET		WATER Y Y MEAN	YEAR OCTOBER VALUES	2002 TO S	EPTEMBE	R 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	2.1	1.9	e2.2	3.5	2.3	5.0	4.0	13	4.2	2.6	1.9
2	1.7	2.2	1.9	2.3	3.2	e2.3	4.3	4.1	12	4.1	2.8	1.9
3	1.7	2.2	1.9	2.4	3.1	2.3	e4.3	4.3	12	4.0	2.7	1.9
4	1.8	2.1	1.9	2.5	3.0	2.3	4.0	4.3	12	3.9	2.5	2.1
5	1.7	2.1	1.8	2.5	e2.8	2.3	e4.1	4.4	11	3.7	2.4	2.0
6	1.7	2.0	1.9	2.4	e2.7	2.4	3.7	4.5	11	3.6	2.4	1.8
7	1.7	2.5	1.9	2.4	e2.6	2.4	4.1	4.5	10	3.5	2.3	1.8
8	1.6	4.8	1.8	2.3	e2.5	2.5	4.6	4.2	10	3.4	2.3	1.8
9	1.5	2.5	1.7	2.3	e2.5	2.5	4.7	4.1	9.8	3.3	2.2	1.8
10	1.5	2.3	1.7	2.3	e2.5	2.5	4.9	4.3	9.2	3.2	2.1	1.9
11	1.6	2.2	1.8	2.3	2.5	2.6	5.6	4.7	8.9	3.2	2.1	1.8
12	1.5	2.6	1.7	2.3	2.5	3.0	5.2	5.6	8.5	3.2	2.1	1.8
13	1.5	2.4	2.1	2.3	2.6	3.6	5.0	6.7	8.0	3.1	2.1	1.7
14	1.5	2.2	2.4	2.3	2.5	3.5	4.6	7.7	7.6	3.0	2.0	1.7
15	1.6	2.1	2.1	2.3	2.5	3.7	4.4	8.4	7.3	2.9	1.9	1.7
16	1.6	2.0	2.4	2.3	2.5	3.1	4.3	8.3	6.9	2.9	1.9	1.6
17	1.6	2.0	e2.4	2.4	2.6	2.9	4.3	8.6	6.6	2.8	1.9	1.8
18	1.6	2.0	e2.3	2.5	e2.5	2.9	4.2	8.8	6.3	2.8	1.8	1.7
19	1.6	2.1	e2.3	2.5	2.4	2.9	4.5	8.9	6.1	2.8	1.8	1.7
20	1.6	2.3	e2.3	2.6	2.4	2.9	4.5	9.4	6.0	2.8	1.8	1.6
21	1.8	2.3	2.3	2.5	2.4	3.0	4.4	11	5.8	2.8	3.7	1.5
22	1.8	2.2	e2.2	2.8	2.4	3.4	4.1	12	5.7	3.0	e2.7	1.5
23	1.8	2.2	2.1	4.8	2.4	3.6	4.2	13	6.2	3.3	2.3	1.5
24	1.9	2.0	e2.1	3.8	2.4	3.5	4.3	14	5.8	2.9	2.2	1.5
25	1.9	1.9	2.2	3.5	2.4	3.7	4.1	13	5.3	2.7	2.1	1.5
26	1.9	2.0	2.2	3.4	2.4	5.7	4.1	13	4.8	2.5	2.2	1.5
27	2.0	1.9	2.6	4.2	2.4	4.5	4.2	13	4.7	2.5	2.1	1.5
28	2.0	1.9	2.6	3.9	2.6	4.1	4.4	14	4.5	2.4	2.1	1.5
29	2.0	1.9	e2.4	3.4		4.3	4.1	14	4.3	2.3	2.0	1.5
3 0	2.0	2.0	2.2	3.3		4.9	4.0	14	4.2	2.3	1.9	1.5
31	2.1		e2.2	3.4		5.6		13		2.4	1.9	
TOTAL	53.4	67.0	65.3	86.4	72.8	101.2	132.2	263.8	233.5	95.5	68.9	51.0
MEAN	1.72	2.23	2.11	2.79	2.60	3.26	4.41	8.51	7.78	3.08	2.22	1.70
MAX	2.1	4.8	2.6	4.8	3.5	5.7	5.6	14	13	4.2	3.7	2.1
MIN	1.5	1.9	1.7	2.2	2.4	2.3	3.7	4.0	4.2	2.3	1.8	1.5
AC-FT	106	133	130	171	144	201	262	523	463	189	137	101
STATIST	ICS OF M	ONTHLY MEA	N DATA F	OR WATER	YEARS 1990	- 2003	, BY WATER	YEAR (WY)				
MEAN	2.57	2.72	2.80	3.39	3.19	5.31	8.15	13.0	12.4	6.68	3.37	2.58
MAX	4.61	4.93	5.71	14.8	7.81	11.9	18.5	25.5	34.9	27.9	10.5	5.83
(WY)	1996	1997	1997	1997	1996	1997	1997	1996	1995	1995	1995	1995
MIN	0.95	1.22	1.21	1.19	1.41	2.25	3.63	1.98	1.26	0.87	0.65	0.67
(WY)	1993	1991	1993	1993	1991	1991	1991	1992	1992	1992	1992	1992
	STATIST				NDAR YEAR		FOR 2003 WA			WATER YEARS		2003
ANNUAL '				1174.7			1291.0					
ANNUAL I				3.2			3.54			5.75		
	ANNUAL	MEAN		3.2	-		3.31			10.7		1995
	ANNUAL M									1.54		1992
	DAILY M			11	Apr 14		14	May 24		85	Jan 2	
	DAILY ME.			1.2			1.5	Oct 9		0.56	Aug 20	
		Y MINIMUM		1.2			1.5	Sep 21		0.60	Aug 6	
	PEAK FL			1.2	nug 14		17	May 24		143	Jan 2	
	PEAK ST.							Feb 8		3.51	Jul 11	
	RUNOFF (.			2330			2560	ren o		4170	our 11	. 1000
	ENT EXCE			7.8			6.4			14		
	ENT EXCE			2.1			2.5			3.5		
90 PERC	ENT EXCE	EDS		1.4			1.7			1.2		

e Estimated

a Backwater from ice.

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,	conduc-			org-N,	org-N,	Ammonia	nitrate
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
		dis-	pres-		percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,			of sat-		uS/cm	air,	water,		mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC	deg C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
08	1630	1.6					53	18.0	8.5	.09	.14	< .003	.005
NOV	2050	1.0					33	10.0	0.5			1.005	.005
04	1100	1.9					52	10.5	1.5		.08	.003	.003
08	1120	5.1					61	5.5	3.0	.49	.70	.009	.022
DEC													
02	1155	1.9	602	10.8	99	E7.4	51	8.5	2.0	.09	.08	.003	.009
JAN 2003													
07	1115	2.4					56	2.5	1.5		.12	< .003	.025
FEB													
06	1210	E2.7					61	-2.0	. 0		.16	.003	.043
MAR													
03	1145	2.3	596	10.8	99	7.3	59	3.0	1.5	.05	.13	< .003	.036
26	1320	6.9					51	8.5	4.5	.14	1.2	< .003	.044
APR													
02	1145	4.6					60	-1.5	1.0		.26	< .003	.052
08	1220	3.8					54	11.0	3.0	.11	.19	< .003	.048
MAY													
05	1155	4.1					57	7.0	3.5	.09	.14	< .003	.040
15	1450	7.6					42	14.5	8.0	.19	.50	< .003	.039
19	1245	8.1					39	12.0	5.0	.13	.44	.003	.036
22	1520	12					37	24.5	10.0	.12	.49	.003	.029
27	1545	15					33	25.0	10.5	.12	.53	.005	.022
JUN													
03	1340	11	605	9.1	100	7.2	33	24.5	9.4	.14	.24	.006	.017
JUL													
11	1355	3.1					43	26.5	10.5		.11	< .003	.018
AUG													
04	1350	2.6					50	21.0	12.5		.17	< .003	.023
SEP													
05	1035	2.2	607	8.9	99	7.5	51	15.5	10.0	.06	.12	.005	.021

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date		phorus, water, fltrd, mg/L	Phos- phorus, water, unfltrd mg/L (00665)	tration mg/L	tons/d	<.063mm
OCT 2002						
08	.013	.024	.032	2	.01	
NOV	.015	.024	.032	2	.01	
04	.008	.018	.023	2	.01	
08	.065	.071	.461	218	3.0	70
DEC						
02	.006	.013	.013	2	.01	
JAN 2003						
07	.007	.012	.017	3	.02	
FEB				_		
06	.007	.012	.025	7	E.05	
MAR 03	.007	.015	.018	4	.02	
26	.010	.015	.223	101	1.9	48
APR	.010	.025	.223	101	1.5	10
02	.009	.015	.034	10	.12	
08	.009	.017	.025	5	.05	
MAY						
05	.008	.014	.030	7	.08	
15	.012	.023	.138	67	1.4	
19	.010	.016	.047	26	.57	
22	.013	.023	.111	82	2.7	
27	.013	.023	.168	113	4.6	
JUN	010	010	.036	27	.80	
03 JUL	.012	.018	.036	27	.80	
11	.012	.019	.033	2	.02	
AUG	.012	.019	.033	2	.02	
04	.015	.025	.037	7	.05	
SEP				•		
05	.013	.019	.034	5	.03	

Remark Codes Used in This report:

< -- Less than E -- Estimated

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°14'25", long 119°56'38", in SW¹/₄ NE¹/₄ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 500 ft upstream from culvert on Lakeshore Boulevard, 1,000 ft upstream from mouth, just below confluence with major tributary, and 3 mi east of Crystal Bay.

DRAINAGE AREA.--7.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1966 to September 1975, November 1987 to current year (low flow, partial-record site only, October 1966 to September 1969, October 1973 to February 1975).

GAGE.--Water-stage recorder. Datum of gage is 6,246.90 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are fair. No regular diversion above station. Possibly some light pumping or diversion of water for construction or irrigation. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 179 ft³/ s, January 2, 1997, gage height, 3.87 ft; minimum daily, 0.18 ft³/ s, September 1, 3, 1999 (during diversion to Third Creek).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19.0 ft³/s, May 24, gage height, 2.15 ft; minimum daily, 2.2 ft³/s, October 10 and 14.

EATKEN	MLS FOR	CORRENT	I LAIXWi	axiiiiuiii uisci	large, 19.0 1	t 75, Iviay .	24, gage neigh	., 2.13 11, 111	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	iany, 2.2 it 78, C	Ciobei i	0 and 14.
		DIS	SCHARGE, C	UBIC FEET P		WATER Y LY MEAN V	EAR OCTOBER ALUES	2002 TO S	SEPTEMBE	R 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.6	3.0	3.7	e5.6	3.5	7.0	6.2	14	5.3	3.8	2.8
2	2.4	2.6	3.0	3.6	5.4	3.6	6.3	6.3	14	5.2	4.2	2.7
3	2.4	2.5	3.0	3.6	5.0	3.5	6.3	6.7	14	5.0	3.8	2.7
4	2.5	2.6	3.0	3.7	4.8	3.5	6.1	6.7	13	4.9	3.5	3.0
5	2.6	2.6	3.0	3.8	e4.6	3.6	6.1	6.7	12	4.8	3.4	2.9
6	2.5	2.5	3.0	3.7	e4.3	3.7	5.6	6.9	12	4.7	3.3	2.7
7	2.4	3.3	2.9	3.7	e4.1	3.8	6.3	6.7	12	4.6	3.2	2.6
8	2.3	8.1	2.9	3.8	e4.0	3.9	6.9	6.5	11	4.6	3.2	2.7
9	2.3	4.3	2.9	3.8	e4.0	3.9	7.0	6.3	11	4.4	3.1	2.7
10	2.2	3.7	3.0	3.8	4.0	3.8	7.1	6.6	10	4.3	3.0	2.8
11	2.3	3.5	2.9	3.6	4.0	4.0	7.6	7.0	9.8	4.2	2.9	2.7
12	2.3	4.2	2.9	3.5	4.0	4.5	7.4	8.0	9.5	4.2	2.9	2.7
13	2.3	4.0	3.8	3.7	4.1	5.2	7.2	9.2	9.0	4.1	2.9	2.6
14	2.2	3.7	4.7	3.7	4.1	5.3	7.0	10	8.6	4.0	2.8	2.6
15	2.3	3.5	e3.8	3.6	4.0	6.0	6.6	11	8.1	3.9	2.8	2.5
16	2.3	3.4	e3.4	3.7	4.0	4.9	6.4	11	7.8	3.8	2.8	2.5
17	2.4	3.3	e3.8	3.9	3.9	4.6	6.5	11	7.6	3.8	2.8	2.6
18	2.3	3.2	e3.6	4.0	3.9	4.5	6.5	11	7.3	3.8	2.7	2.6
19	2.3	3.3	e3.5	4.2	3.8	4.5	7.0	11	7.0	3.8	2.6	2.6
20	2.3	3.6	e3.3	4.2	3.7	4.6	7.0	12	6.9	3.8	2.7	2.5
21	2.4	3.5	e3.2	4.2	3.7	4.7	7.1	13	6.8	3.8	6.3	2.4
22	2.4	3.5	e3.1	4.7	3.8	5.2	6.5	14	6.6	4.4	3.9	2.4
23	2.4	3.5	3.1	e6.2	3.8	5.7	6.6	15	7.3	4.8	3.2	2.4
24	2.5	3.3	e3.1	e5.4	3.8	5.5	6.7	16	7.0	4.2	3.0	2.4
25	2.5	3.2	3.1	e5.2	3.6	5.7	6.3	16	6.4	3.8	2.9	2.4
26	2.5	3.1	3.3	e5.0	3.7	8.4	6.5	15	6.1	3.8	3.2	2.3
27	2.5	3.0	4.2	e5.6	3.7	6.6	6.6	16	5.9	3.8	3.0	2.4
28	2.5	3.0	4.0	e5.3	3.6	6.0	6.8	16	5.7	3.6	2.9	2.4
29	2.4	3.0	3.5	e5.1		6.1	6.3	16	5.5	3.5	2.8	2.4
3 0	2.5	3.0	3.5	e5.0		6.8	6.2	16	5.4	3.4	2.7	2.4
31	2.5		3.5	e5.2		7.5		15		3.6	2.8	
TOTAL	74.0	102.6	103.0	132.2	115.0	153.1	199.5	334.8	267.3	129.9	99.1	77.4
MEAN	2.39	3.42	3.32	4.26	4.11	4.94	6.65	10.8	8.91	4.19	3.20	2.58
MAX	2.6	8.1	4.7	6.2	5.6	8.4	7.6	16	14	5.3	6.3	3.0
MIN	2.2	2.5	2.9	3.5	3.6	3.5	5.6	6.2	5.4	3.4	2.6	2.3
AC-FT	147	204	204	262	228	304	396	664	530	258	197	154
STATIST	ICS OF M	ONTHLY ME	AN DATA F	OR WATER Y	EARS 1970	- 2003	, BY WATER	YEAR (WY)				
MEAN	3.86	4.12	4.30	5.25	5.23	7.97	11.0	16.4	14.7	7.82	4.41	3.47
MAX	6.79	6.76	8.78	19.6	12.2	16.9	23.1	36.7	48.4	35.0	14.4	8.66
(WY)	1996	1999	1997	1997	1996	1997	1997	1996	1995	1995	1995	1995
MIN	1.35	1.82	2.07	2.06	2.64	3.72	3.55	2.71	2.04	1.19	0.99	0.44
(WY)	1989	1993	1993	1993	1991	1992	1988	1988	1988	1988	1988	1999
SUMMARY	STATIST	ics	FOR	2002 CALEN	DAR YEAR]	FOR 2003 WA	rer year		WATER YEARS	1970 -	- 2003
ANNUAL	TOTAL			1766.1			1787.9					
ANNUAL				4.84			4.90			7.54		
HIGHEST	ANNUAL	MEAN								15.4		1995
	ANNUAL M									2.51		1992
	DAILY M			16	Apr 14		16	May 24		112	Jan 2	1997
	DAILY ME			1.9	Apr 14 Sep 3		2.2	Oct 10		0.18		
		MUMINIM Y		1.9	Sep 21			Oct 8		0.21		
	PEAK FL				_		19	May 24		179		
MAXIMUM	PEAK ST	AGE						May 24		3.87		
	RUNOFF (3500			3550	-		5470		
	ENT EXCE			11			8.0			17		
50 PERC	ENT EXCE	EDS		3.3			3.8			5.0		
90 PERC	ENT EXCE	EDS		2.1			2.5			2.0		

e Estimated

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-73, 1978-79, 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: April 1998 to November 2000 (discontinued).

INSTRUMENTATION.--Water temperature recorder since April 1998, two times per hour.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 16.0°C, September 7, 10, 11, 15, 1999; minimum, freezing point many days during winter months.

										Ammonia	Ammonia		¹ Nitrite
					Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-		solved	water,	conduc-			org-N,	org-N,		nitrate
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,
Date	Time	charge,	sure,	oxygen,	of sat-	std	uS/cm	air,	water,	mg/L	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC	deg C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
OCT 2002													
08	1855	1.5					8.5	10.5	8.5	.09	.19	< .003	.004
NOV													
04	1220	2.3					88	10.5	3.0		.06	.004	.003
08	1300	4.7					115	6.0	3.5	.41	> . 60	.005	.023
DEC													
02	1700	1.9	603	10.4	98	E7.6	89	1.0	3.0	.09	.10	< .003	.007
JAN 2003													
07	1240	2.2					109	6.0	2.0		.10	< .003	.026
FEB													
06	1330	E4.3					115	-1.5	. 5		.19	< .003	.050
MAR													
03	1630	2.3	595	10.6	100	7.6	109	2.5	2.5	.08	.13	< .003	.030
26	1120	6.7					98	7.5	4.5	.10	1.2	< .003	.040
APR								_					
02	1255	4.6					168	. 5	1.5		.20	< .003	.048
07	1045	3.6					98	6.0	2.0		.26	.003	.035
08	1450	4.4					103	13.0	7.0	.11	. 23	< .003	.042
22	1045	4.1					114	2.5	2.0	.28	.34	< .003	.048
MAY													
01	1050	3.9					113	3.0	7.5	.09	. 09	.004	.035
05	1315	4.1					113 102	9.5	6.0	.11	.16	< .003	.031
10	1440	1.1						9.5	7.0	.10	.17	< .003	.025
14	1825						64	12.0	7.5	.18	.71	<.003	.041
15 19	1040 1425	6.9 8.3					78 72	13.0 14.0	5.0 8.0	.18	.18	<.003	.043
22	1100	10					62	14.0	6.0				
22	1845	15					62 47	17.0	9.0	.06	.44	<.003	.035
27	1715	16					45	23.5	11.0	.13	. 79	.003	.028
JUN	1/15	10					45	23.5	11.0	.12	. 79	.004	.020
03	1520	12	606	8.6	100	7.6	4.9	24.5	11.5	.16	.31	.003	.016
09	1520	9.4		8.6		7.6		24.5	11.5	.10	.23	<.003	.016
09 JUL	15∠0	9.4					49	21.5	11.5	. 10	.∠3	<.003	.010
11	1510	3.0					70	27.5	12.0		.17	.003	.020
AUG	1310	3.0					70	27.5	12.0		. 1	.003	.020
04	1530	2.4					82	23.0	14.0		. 22	.006	.024
SEP	1000	2.4					02	23.0	14.0		. 22	.000	.024
05	1400	2.1	608	8.9	104	7.8	8.8	22.0	12.0	.07	.17	.003	.020
05	T-400	2.1	000	0.5	T 0 -	/.0	0.0	22.0	12.0	. 0 /	/	.003	. 020

PYRAMID AND WINNEMUCCA LAKES BASIN 10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Ortho- phos- phate,	Phos-	Phos-	Sus- pended sedi-	Sus- pended	Suspnd. sedi- ment,
	water,	phorus,		ment	sedi-	sieve
	fltrd,	water,	water,	concen-	ment	diametr
Date	mq/L			tration	load,	percent
	as P	mq/L	mq/L	mg/L	tons/d	<.063mm
	(00671)	(00666)	(00665)	(80154)	(80155)	(70331)
OCT 2002						
08 NOV	.011	.026	.025	2	.01	
04	.008	.020	.023	5	.03	
08	.034	.094	1.03	419	5.3	83
DEC						
02	.006	.011	.013	1	.01	
JAN 2003						
07	.007	.010	.015	3	.02	
FEB						
06	.007	.014	.032	12	E.14	
MAR 03	.006	.014	.024	4	.02	
26	.012	.014	.024	118	2.1	63
APR	.012	.025	.230	110	2.1	03
02	.007	.017	.035	11	.14	
07	.006	.015	.022	4	.04	
08	.008	.017	.036	11	.13	
22	.004	.009	.025	4	.04	
MAY						
01	.004	.013	.026	5	.05	
05	.007	.016	.030	6	.07	
10	.006	.013	.028	8	.09	
14	.010	.018	.289	167	4.5	61
15	.008	.023	.157	18	.34	
19	.009	.017	.055	16	.36	
22	.010	.020	.064	24	.65	
22	.013	.025	.275	194	7.9	55
27	.013	.021	.143	97	4.2	43
JUN						
03	.011	.020	.047	23	. 75	
09 JUL	.012	.025	.042	25	.63	
11	.012	.020	.043	4	.03	
AUG	.012	.020	.043	4	.03	
04	.015	.028	.049	12	.08	
SEP	.015	.020	.049	12	.00	
05	.014	.019	.034	11	.06	

Remark Codes Used in This report: < -- Less than E -- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336710 MARLETTE LAKE NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'22", long 119°54'15", in SW 1/4 SE 1/4 sec.12, T.15 N., R.18 E., Washoe County, Hydrologic Unit 16050101, in Toiyabe National Forest, on west shore, about 1,000 ft east from left side of dam on Marlette Creek, and 7.5 mi west of Carson City.

DRAINAGE AREA.--2.86 mi².

PERIOD OF RECORD.--November 1973 to current year.

REVISED RECORDS.--WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is above NGVD of 1929 (spillway elevation furnished in written communication, 1971).

REMARKS.--Lake is formed by earthfill dam across the outlet of a small natural lake (at one time called Goodwin Lake) on Marlette Creek, built in 1873 to provide water for fluming lumber from Spooner Summit to Carson City. The dam was built higher in 1876 and used to divert water by flume and siphon to Virginia City, until the flume was abandoned prior to 1963. The dam was raised to its present elevation in 1959. Present capacity, 11,780 acre-ft at spillway; elevation, 7,838.0 ft. Figures given herein represent total contents. Stored water is used for spawning cutthroat trout and in dry years is pumped over the mountain to the Hobart system for municipal and domestic use outside the basin in Virginia City and Carson City. Lake freezes over in winter. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded contents, 12,320 acre-ft, February 19, 1986, elevation, 7,839.23 ft; minimum, 10,870 acre-ft, November 7, 2002, elevation, 7,835.57 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 11,990 acre-ft, May 30, elevation, 7,838.47 ft; minimum, 10,870 acre-ft, November 7, elevation, 7,835.57 ft. Capacity table (elevation, in feet, contents, in acre-feet)

	Capacity table (elevation, in feet, contents, in acre-feet)											
					335 10,6			11,790				
					336 11,0			12,220				
				7,8	337 11,4	10	7,840	12,650				
		F	RESERVOIR		CRE-FEET), DAILY OBSI				EPTEMBER 2	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11030	10910	11030	11420	11520	11640	11800	11920	11960	11880	11720	11520
2	11030	10900	11030	11420	11530	11640	11800	11920	11960	11870	11730	11520
3	11020	10900	11030	11420	11530	11650	11800	11930	11950	11870	11720	11510
4	11010	10900	11030	11420	11530	11650	11830	11930	11940	11870	11720	11520
5	11010	10900	11040	11430	11540	11660	11830	11920	11930	11860	11710	11500
6	11000	10890	11040	11430	11540	11660	11830	11920	11930	11860	11690	11490
7	11000	10900	11040	11430	11540	11660	11830	11920	11930	11850	11690	11490
8	10990	10910	11040	11430	11540	11660	11840	11920	11930	11840	11670	11490
9	10980	11000	11050	11440	11540	11660	11840	11930	11930	11830	11660	11460
10	10980	11030	11050	11440	11540	11660	11840	11930	11930	11830	11660	11450
11	10970	11030	11050	11440	11550	11670	11850	11920	11930	11820	11650	11450
12	10960	11030	11050	11450	11550	11670	11900	11920	11930	11810	11630	11440
13	10950	11040	11080	11450	11560	11680	11970	11920	11930	11800	11630	11430
14	10950	11040	11130	11460	11560	11680	11950	11930	11930	11790	11620	11420
15	10940	11040	11130	11460	11560	11700	11950	11930	11930	11780	11610	11410
16	10940	11030	11230	11460	11580	11710	11950	11940	11930	11770	11600	11400
17	10940	11030	11260	11460	11590	11710	11950	11940	11930	11770	11590	11390
18	10940 10940	11040 11030	11260 11270	11460 11460	11590 11590	11720 11720	11940	11940 11940	11920 11920	11770 11770	11580 11580	11380 11380
19 20	10940	11030	11270	11460	11600	11720	11940 11930	11940	11920	11760	11570	11370
20	10940	11040	11230	11400	11600	11/30	11930	11940	11920	11/60	11370	11370
21	10930	11040	11300	11470	11600	11730	11940	11950	11910	11760	11600	11360
22	10930	11040	11300	11470	11600	11730	11940	11960	11900	11770	11590	11350
23	10930	11050	11300	11490	11600	11750	11930	11970	11920	11780	11580	11350
24	10930	11040	11310	11490	11600	11750	11940	11970	11920	11770	11580	11350
25	10930	11030	11300	11500	11610	11750	11940	11970	11910	11760	11570	11340
26	10920	11040	11320	11490	11620	11760	11940	11970	11910	11760	11570	11330
27	10920	11030	11320	11510	11630	11760	11930	11970	11910	11750	11560	11330
28	10920	11030	11360	11510	11640	11760	11940	11970	11910	11740	11550	11320
29	10920	11030	11370	11510		11770	11930	11970	11900	11730	11550	11310
30	10910	11030	11380	11520		11770	11930	11970	11890	11730	11540	11310
31	10910		11420	11510		11780		11970		11730	11530	
21	10910		11420	11310		11/00		11970		11/30	11330	
MAX	11030	11050	11420	11520	11640	11780	11970	11970	11960	11880	11730	11520
MIN	10910	10890	11030	11420	11520	11640	11800	11920	11890	11730	11530	11310
#	7835.68	7836.00	7837.02	7837.26	7837.60	7837.97	7838.33	7838.42	7838.24	7837.83	7837.32	7836.73
##	-140	+120	+390	+90	+130	+140	+150	+40	- 80	-160	-200	-220

MAX 11970 MTN 10890 ## -50 CAL YR 2002 WTR YR 2003 MAX 11970 MIN 10890 ## +260

 $[\]mbox{\tt\#}$ Elevation, in feet above NGVD 1929, at end of month.

^{##} Change in contents, in acre-feet.

10336715 MARLETTE CREEK NEAR CARSON CITY, NV

LOCATION.—Lat $39^{\circ}10'20''$, long $119^{\circ}54'25''$, in SE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.12, T.15 N., R.18 E., Washoe County, Hydrologic Unit 16050101, in Toiyabe National Forest, on left bank, about 300 ft below dam on Marlette Lake (station 10336710), 0.7 mi upstream from Marlette Reservoir, and 7 mi west of Carson City.

DRAINAGE AREA.--2.90 mi².

PERIOD OF RECORD.--October 1973 to current year.

REVISED RECORDS.-- WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 7,760 ft above NGVD of 1929, from topographic map.

REMARKS.--Records poor. Flow regulated at Marlette Lake 300 ft upstream. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70 ft³/ s, February 20, 1986, gage height, 3.20 ft; no flow at times, some years. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6.7 ft³/s, April 13, gage height, 2.08 ft; minimum daily, 0.01 ft³/s, September 6-9.

LATREM	ILD I OK C				PER SECOND,	_				2003	73, Septeme	CI 0).
		DISC	CHARGE, CC	DEIC FEEL E		MEAN V.		. 2002 10 SE	Addmaita	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	e0.02	0.14	0.18	e0.05	e0.04	0.16	3.9	5.2	1.4	0.02	0.02
2	0.03	e0.02	0.14	0.14	e0.05	e0.05	0.16	3.6	5.1	1.0	0.02	0.02
3	0.02	e0.02	0.14	0.09	e0.05	e0.05	0.16	3.7	4.9	0.83	0.02	0.02
4	0.03	e0.02	0.19	0.05	e0.04	e0.05	0.16	4.2	4.3	0.74	0.02	0.02
5	0.03	e0.02	0.23	0.05	e0.04	e0.05	0.16	3.8	4.0	0.73	0.02	0.02
6 7	0.03	e0.02	0.23	0.05	e0.04	e0.05	0.16	3.6	2.5	0.53	0.02	0.01
	0.03	0.04	0.23	0.05	e0.04	e0.05	0.18	3.6	1.0	0.53	0.02	0.01
8	0.03	0.13	0.23	0.05	e0.04	e0.05	0.19	3.7	0.54	0.48	0.02	0.01
9	0.04	0.13	0.23	0.05	e0.04	e0.05	0.25	3.5	0.43	0.42	0.02	0.01
10	0.05	0.13	0.17	0.05	e0.04	e0.05	0.40	3.9	0.38	0.39	0.02	0.02
11	0.04	0.11	0.17	0.04	e0.04	e0.05	0.94	3.8	0.33	0.28	0.02	0.02
12	0.04	0.08	0.08	0.04	e0.04	e0.05	1.4	3.5	0.31	0.19	0.02	0.02
13	0.04	0.08	0.08	0.04	e0.04	e0.05	5.0	3.6	0.29	0.19	0.02	0.03
14	0.04	0.08	0.09	0.04	e0.04	e0.06	6.0	3.7	0.26	0.18	0.02	0.03
15	0.03	0.09	0.12	0.04	e0.04	e0.06	5.6	3.9	0.25	0.23	0.02	0.03
16	0.03	0.09	0.12	0.04	e0.04	e0.06	5.2	4.0	0.25	0.25	0.02	0.03
17	e0.04	0.09	0.12	0.04	e0.04	e0.06	5.2	4.2	0.22	0.15	0.02	0.06
18	e0.03	0.10	0.12	0.04	e0.04	e0.06	5.1	4.3	0.21	0.13	0.02	0.08
	e0.03		0.12	0.04	e0.04	e0.00	4.8	4.3	0.21	0.14	0.02	0.08
19		0.10										
20	e0.03	0.11	0.10	0.04	e0.04	e0.07	4.4	4.4	0.22	0.12	0.02	0.14
21	e0.03	0.11	0.10	0.04	e0.04	e0.08	4.8	4.6	0.24	0.13	0.02	0.23
22	e0.03	0.11	0.10	0.04	e0.04	e0.08	4.7	4.8	0.24	0.10	0.02	0.19
23	e0.03	0.12	0.10	0.04	e0.04	e0.08	4.7	4.9	0.23	0.08	0.02	0.02
24	e0.03	0.12	0.10	e0.05	e0.04	e0.09	4.7	5.3	0.23	0.06	0.02	0.02
25	e0.02	0.12	0.10	e0.05	e0.04	e0.09	4.8	5.6	0.25	0.06	0.02	0.02
23		0.12	0.10	00.05	C0.01	00.05						
26	e0.02	0.11	0.12	e0.05	e0.04	e0.11	5.0	5.5	0.31	0.05	0.02	0.02
27	e0.02	0.12	0.18	e0.05	e0.04	e0.11	4.6	5.6	0.33	0.04	0.02	0.02
28	e0.02	0.12	0.18	e0.04	e0.04	e0.13	4.8	5.6	1.5	0.04	0.02	0.02
29	e0.02	0.15	0.18	e0.04		e0.15	4.6	5.6	2.3	0.03	0.02	0.02
30	e0.02	0.14	0.18	e0.04		e0.15	4.3	5.5	2.0	0.02	0.02	0.02
31	e0.02		0.18	e0.04		e0.15		5.3		0.02	0.02	
								405 5				4 0.5
TOTAL	0.94	2.70	4.56	1.64	1.15	2.30	92.62	135.5	38.54	9.54	0.62	1.27
MEAN	0.030	0.090	0.15	0.053	0.041	0.074	3.09	4.37	1.28	0.31	0.020	0.042
MAX	0.05	0.15	0.23	0.18	0.05	0.15	6.0	5.6	5.2	1.4	0.02	0.23
MIN	0.02	0.02	0.08	0.04	0.04	0.04	0.16	3.5	0.21	0.02	0.02	0.01
AC-FT	1.9	5.4	9.0	3.3	2.3	4.6	184	269	76	19	1.2	2.5
STATIS'	TICS OF M	ONTHLY ME	AN DATA F	FOR WATER	YEARS 1974	- 2003	. BY WATER	YEAR (WY)				
MEAN	0.49	1.27	1.95	2.83	4.02	3.77	4.20	5.33	4.31	1.45	0.43	0.26
MAX	3.55	12.2	9.71	11.2	17.4	8.65	7.13	11.5	29.8	12.9	4.18	3.46
(WY)	1984	1984	1984	1997	1986	1995	1982	1999	1983	1983	1983	1983
MIN	0.022	0.030	0.022	0.010	0.000	0.040	0.019	0.11	0.040	0.014	0.020	0.020
(WY)	1988	1980	1991	1993	1993	1977	1991	1977	1976	1990	2003	1975
SUMMAR	Y STATIST	rics	FOR	2002 CALE	NDAR YEAR		FOR 2003 V	VATER YEAR		WATER YEA	ARS 1974 -	2003
ANNUAL	TOTAL			251.8	1		291.3	38				
ANNUAL	MEAN			0.6	9		0.8	3 0		2.5	51	
	T ANNUAL	MEAN										1983
	ANNUAL N										058	
	T DAILY N			6 (Apr 19		6 () Apr 14			Feb 19	
	DAILY ME				1 Feb 3			01 Sep 6			00 Jul 12	
		AY MINIMUM			1 Feb 3			01 Sep 8			00 Jan 22	
	SEVEN-DA M PEAK FI			0.0	ıı ren 3						Feb 20	
								7 Apr 13				
	M PEAK ST							08 Apr 13			20 Feb 20	T 9 8 6
	RUNOFF			499			578			1820		
	CENT EXCE			3.1			4.2			6.7		
	CENT EXCE			0.0			0.0			0.7		
90 PER	CENT EXCE	EEDS		0.0	12		0.0	12		0.0	13	

e Estimated

10336730 GLENBROOK CREEK AT GLENBROOK, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.—Lat 39°05'15", long 119°56'20", in NE $^{1}/_{4}$ sec.10, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 50 ft upstream from culvert, 100 ft upstream from mouth at Glenbrook, and 1.8 mi southwest of Spooner Lake. DRAINAGE AREA.—4.11 mi 2 .

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1967-1971. October 1971 to September 1975, November 1987 to current year.

REVISED RECORDS.--WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,240 ft above NGVD of 1929, from topographic map. Prior to November 16, 1987, at different datum

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow may be affected by pumping or diverting for irrigation above station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 144 ft³/ s, January 2, 1997, gage height, 6.46 ft; no flow August 12, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5.0 $\mathrm{ft}^3/$ s and maximum (*):

EAIKEN	ies for c	UKKENI II	CAKP				scharge of 3.	O II /	s and maximi			
				Discharge C					Discharge Ga			
		Date January 23	Time 2200	(ft^{3}/s) s) *4.3	(ft) *1.97		Date May 25	Time 0000	(ft^{3}/s)	(ft) 1.94		
		DISCH	ARGE, (CUBIC FEET PI		WATER Y		R 2002	TO SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	M	AY JUN	JUL	AUG	SEP
1	0.30	0.77	0.78	1.0	1.7	0.84	2.2	2	.0 2.6	0.24	0.61	0.16
2	0.34	0.86	0.79	1.0	1.5	0.85	1.9		.1 2.3	0.19	0.80	0.13
3	0.39	0.92	0.79	1.1	1.3	0.86	1.7	2	.1 2.1	0.17	0.55	0.15
4	0.46	0.92	0.81	1.1	1.2	0.85	1.7	2	.3 1.9	0.16	0.38	0.25
5	0.47	0.92	0.84	1.1	1.2	0.86	1.6	2	.1 1.7	0.17	0.31	0.33
6	0.42	0.94	0.83	1.1	1.1	0.87	1.6	2	.2 1.5	0.17	0.29	0.22
7	0.42	1.2	0.77	1.1	1.0	0.91	1.6		.1 1.4	0.16	0.24	0.17
8	0.42	2.9	0.79	1.1	1.0	0.94	1.8		.0 1.3	0.15	0.20	0.16
9	0.40	1.6	0.82	1.2	0.95	0.96	1.9		.9 1.1	0.14	0.17	0.18
10	0.40	1.1	0.84	1.2	0.92	0.99	2.0	2	.2 1.0	0.15	0.18	0.24
11	0.45	0.85	0.83	1.2	0.92	1.1	2.1		.4 0.98	0.13	0.12	0.20
12	0.47	0.79	0.84	1.2	0.92	1.3	2.3		.6 0.91	0.13	0.10	0.20
13	0.48	0.79	0.91	1.3	0.99	1.4	2.3	3	.0 0.86	0.11	0.13	0.17
14	0.48	0.74	0.99	1.3	1.0	1.7	2.2	3	.5 0.80	0.09	0.08	0.17
15	0.49	0.70	0.95	1.2	0.99	2.3	2.1	3	.7 0.73	0.07	0.08	0.16
16	0.48	0.70	0.72	1.2	0.98	1.9	2.0	3	.7 0.67	0.07	0.07	0.18
17	0.52	0.69	e0.72	1.2	0.92	1.6	2.2	3	.6 0.60	0.06	0.07	0.25
18	0.52	0.68	e0.77	1.2	0.91	1.5	2.3	3	.5 0.55	0.06	0.08	0.28
19	0.52	0.70	e0.80	1.3	0.92	1.5	2.6	3	.4 0.57	0.05	0.10	0.29
20	0.54	0.70	e0.82	1.3	0.90	1.5	2.7	3	.5 0.62	0.06	0.14	0.27
21	0.56	0.70	e0.87	1.3	0.88	1.6	2.9	3	.9 0.60	0.05	0.86	0.26
22	0.60	0.77	e0.90	1.5	0.90	1.7	2.6	4	.1 0.56	0.05	0.49	0.25
23	0.63	0.78	0.97	2.5	0.91	2.0	2.8	4	.1 0.74	0.37	0.13	0.28
24	0.64	0.77	1.0	2.3	0.92	2.0	3.0	4	.2 0.79	0.22	0.11	0.27
25	0.64	0.76	1.0	1.7	0.91	2.0	2.5	4	.1 0.60	0.13	0.09	0.26
26	0.66	0.77	1.1	1.6	0.85	2.6	2.6	3	.8 0.50	0.11	0.13	0.20
27	0.68	0.77	e1.0	2.7	0.91	2.3	2.4	3	.8 0.45	0.13	0.13	0.18
28	0.70	0.77	e1.0	2.7	0.84	1.9	2.5	3	.7 0.38	0.13	0.10	0.18
29	0.73	0.76	e1.0	1.8		1.8	2.2	3	.4 0.33	0.12	0.09	0.17
3 0	0.75	0.77	1.1	1.6		1.9	2.0	3	.1 0.27	0.13	0.09	0.18
31	0.77		1.1	1.6		2.1		2	. 8	0.78	0.11	
TOTAL	16.33	27.09	27.45	44.7	28.44	46.63	66.3	94	.9 29.41	4.75	7.03	6.39
MEAN	0.53	0.90	0.89	1.44	1.02	1.50	2.21	3.	06 0.98	0.15	0.23	0.21
MAX	0.77	2.9	1.1	2.7	1.7	2.6	3.0	4	.2 2.6	0.78	0.86	0.33
MIN	0.30	0.68	0.72	1.0	0.84	0.84	1.6	1	.9 0.27	0.05	0.07	0.13
AC-FT	32	54	54	89	56	92	132	1	88 58	9.4	14	13
STATIS	TICS OF M	ONTHLY MEAN	N DATA	FOR WATER	YEARS 197:	2 - 2003	B, BY WATE	R YEAR	(WY)			
MEAN	0.78	1.01	1.09	1.51	1.35	2.40	3.18	4.	56 2.48	0.92	0.56	0.53
MAX	1.80	1.87	2.25	8.31	3.08	5.43	7.80	14	.0 12.0	3.68	1.95	1.93
(WY)	1999	1999	1997	1997	1997	1997	1997	19	99 1998	1998	1999	1998
MIN	0.16	0.31	0.34	0.32	0.41	0.66	0.63	0.3	33 0.24	0.076	0.014	0.036
(WY)	1993	1993	1991	1991	1991	1991	1992	19	92 1992	1991	1994	1994
SUMMAR	Y STATIST	ICS	FOI	R 2002 CALE	NDAR YEAR		FOR 2003	WATER	YEAR	WATER YE	ARS 1972 -	2003
ANNUAL				355.0			399.					
ANNUAL				0.9	7		1.	09		1.		
	r Annual									3.	97	1998
	ANNUAL M									0.1	36 Jan 2	1992
	r DAILY M				Apr 14				y 24			
	DAILY ME				4 Aug 15				1 19		00 Aug 12	
		Y MINIMUM		0.0	4 Aug 13				1 16		00 Aug 11	
	M PEAK FL								n 23		Jan 2 46 Jan 2	
	M PEAK ST			704					n 23			199/
	RUNOFF (704			792			1270		
	CENT EXCE			2.1			2.	4 86		3. 1.		
	CENT EXCE			0.8				13		0.		
JU PEK	CDN1 BACE	ورات		0.1	±		υ.	13		0.	10	

e Estimated

10336730 GLENBROOK CREEK AT GLENBROOK, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971-74, July 1987, 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: April 1998 to November 2000 (discontinued).

INSTRUMENTATION.--Water temperature recorder April 1998 to November 2000 (discontinued), two times per hour.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. EXTREMES FOR PERIOD OF DAILY RECORD.-- WATER TEMPERATURE: Maximum, 16.0°C, June 15, 2000; minimum, freezing point several days in winter months.

Date	Time	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
OCT 2002												
09 NOV	1525	.40					509	18.5	8.0		.10	< .003
07	1345	1.0					483	5.0	4.0		.24	.004
08 DEC	1630	3.2					582	7.0	4.5	.36	.40	.004
06 JAN 2003	1240	.80	603	10.4	97	8.0	487	7.0	2.5	.04	.16	< .003
08 FEB	1415	1.1					510	4.5	2.0		.06	< .003
07 MAR	1540	1.2					556	-2.0	. 5		.17	< .003
04	1600	.90	596	10.2	96	7.7	519	2.5	2.5	.07	.10	< .003
25	1400	1.8					518	11.0	7.0	.11	.12	< .003
APR												
03	0945	1.8					474	. 5	1.5		.13	< .003
07	1400	1.5					505	7.5	5.5		.16	< .003
09	1620	1.8					491	13.0	8.0	.08	.21	< .003
22 MAY	1230	2.6					542	3.5	3.5	.16	.27	< .003
01	1305	2.1					496	9.5	6.0	.10	.11	< .003
07	1535	1.9					443	5.0	6.5	.15	.24	< .003
10	1025	2.1					444	5.5	3.0	.13	.16	< .003
12	1640	2.4					422	15.0	10.5	.08	.14	< .003
14	1325	3.2					349	16.0	9.0	E.12	.13	.003
17	1650	3.4					316	13.0	10.5	.09	. 48	< .003
19	1745	3.4					311	13.5	10.0	.24	.25	.004
27	1045	3.8					259	15.5	8.0	.17	.34	.005
JUN	4505											
06	1535	1.4	605	8.0	96	7.8	322	24.0	12.8	.14	.30	.004
10 JUL	1455	1.0					344	19.0	12.5	.15	.19	< .003
10	1625	.10					460	24.0	13.5		.11	.007
AUG												
05 SEP	1610	.20					497	20.0	13.5		.21	.007
04	1545	.20	609	7.5	90	7.9	514	16.5	13.0	.14	.15	.007

PYRAMID AND WINNEMUCCA LAKES BASIN 10336730 GLENBROOK CREEK AT GLENBROOK, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	¹ Nitrite	Ortho-			Sus-	
	+	phos-			pended	Sus-
	nitrate	phate,	Phos-	Phos-	sedi-	pended
	water	water,	phorus,	phorus,	ment	sedi-
	fltrd,	fltrd,	water,	water,	concen-	ment
Date	mg/L	mg/L	fltrd,		tration	load,
	as N	as P	mg/L	mg/L	mg/L	tons/d
	(00631)	(00671)	(00666)	(00665)	(80154)	(80155)
OCT 2002						
001 2002	.002	.013	.024	.025	2	< .01
NOV	.002	.013	.024	.025	2	<.01
07	.004	.030	.044	.044	7	.02
08	.009	.035		.058	19	.16
DEC	.005	.033		.050	10	.10
06	.003	.007	.013	.014	3	.01
JAN 2003	.003	.007	.013	.014	3	.01
08	.004	.008	.011	.012	2	.01
FEB	.004	.000	.011	.012	2	.01
07	.013	.007	.012	.014	2	.01
MAR	.013	.007	.012	.014	2	.01
04	.030	.006	.015	.019	1	< .01
25	.044	.006	.013	.017	2	.01
APR	.011	.000	.010	.017	2	.01
03	.046	.005	.013	.024	3	.01
07	.086	.005	.014	.022	4	.02
09	.058	.007	.015	.016	7	.03
22	.116	.003	.009	.034	3	.02
MAY		.005	.003	.001	3	.02
01	.050	.005	.011	.016	2	.01
07	.030	.006	.013	.044	11	.06
10	.038	.004	.009	.016	3	.02
12	.020	.006	.013	.026	5	.03
14	.006	.007	.018	.026	6	.05
17	.010	.007	.015	.035	6	.06
19	.008	.006	.013	.027	6	.06
27	.006	.006	.019	.034	69	.71
JUN						
06	.007	.011	.020	.025	2	.01
10	.013	.013	.025	.041	6	.02
JUL						
10	.022	.015	.022	.041	5	< .01
AUG						
05	.017	.014	.030	.043	5	< .01
SEP						
04	.008	.014	.020	.027	2	< .01

Remark Codes Used in This report: < -- Less than E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 39°04′00", long 119°56′04", in NW ¹/₄ NW ¹/₄ sec.23, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, Toiyabe National Forest, on right bank, 0.1 mi downstream from unnamed tributary, 0.3 mi upstream from U.S. Highway 50, and 1.6 mi south of Glenbrook.

DRAINAGE AREA.--2.09 mi².

Estimated

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1983 to current year.

RECISED RECORDS.--WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 6,640 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. One small diversion 50 ft upstream from station for domestic use. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12.0 ft³/ s, January 2, 1997 and June 12, 1998, gage height, 4.75 ft; no flow many days in 1992.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3.0 ${\rm ft}^3\!/$ s and maximum (*):

EATKEN	IES FOR C	UKKENI I	EAKF	_	C b-:-b4		charge of 3.0					
		_			Gage height				arge Gage	-		
		Date May 26	Time 1630	(ft ³ / s) *6.7	(ft) *4.59			ime (ft ³ / peak greater tha		(ft)		
		•			PER SECOND,	WATED VE		-		-		
		DISCF	ARGE, C	OBIC PEEL 1		Y MEAN VA		2002 10 5	EPIEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.09	0.20	0.13	0.12	0.30	0.17	0.57	0.44	e0.90	0.10	0.08	0.08
2	0.09	0.17	0.13	0.13	0.26	0.17	0.50	0.48	e0.78	0.09	0.09	0.08
3	0.09	0.18	0.12	0.13	0.22	0.17	0.43	0.64	e0.64	0.09	0.08	0.09
4	0.11	0.22	0.12	0.13	0.24	0.17	0.40	0.68	e0.50	0.08	0.07	0.09
5	0.12	0.19	0.13	0.13	e0.20	0.17	0.38	0.70	e0.43	0.08	0.07	0.09
6	0.12	0.15	0.14	0.13	e0.18	0.17	0.29	0.82	e0.35	0.08	0.07	0.08
7	0.12	0.28	0.13	0.12	e0.16	0.18	0.32	0.68	0.28	0.08	0.07	0.08
8	0.12	0.86	0.10	0.13	e0.15	0.19	0.51	0.55	0.26	0.08	0.06	0.08
9	0.12	0.33	0.11	0.13	e0.14	0.20	0.48	0.44	0.25	0.08	0.06	0.09
10	0.13	0.19	0.11	0.13	e0.14	0.21	0.50	0.53	0.24	0.07	0.06	0.09
11	0.12	0.16	0.11	0.12	e0.13	0.23	0.76	0.74	0.23	0.07	0.06	0.09
12	0.12	0.18	0.11	0.12	e0.13	0.24	0.70	1.3	0.22	0.07	0.06	0.08
13	0.12	0.21	0.12	0.13	0.13	0.33	0.58	2.9	0.21	0.07	0.06	0.08
14	0.13	0.17	0.15	0.13	0.16	0.36	0.38	2.4	0.20	0.07	0.06	0.08
15	0.13	0.15	0.14	0.13	0.18	0.33	0.34	2.0	0.19	0.07	0.06	0.08
16	0.14	0.14	e0.14	0.13	0.15	0.25	0.35	1.7	0.17	0.06	0.06	0.08
17	0.17	0.14	0.13	0.12	0.17	0.21	0.31	1.6	0.16	0.06	0.05	0.09
18	0.18	0.14	0.12	0.13	0.17	0.19	0.28	2.1	0.16	0.06	0.06	0.09
19	0.18	0.13	0.12	0.14	0.17	0.19	0.30	2.5	0.16	0.06	0.06	0.09
20	0.18	0.14	0.12	0.13	0.17	0.19	0.37	2.2	0.16	0.06	0.06	0.09
21	0.19	0.15	0.11	0.13	0.17	0.22	0.33	3.1	0.15	0.06	0.17	0.09
22	0.21	0.17	0.12	0.13	0.17	0.32	0.33	3.7	0.15	0.06	0.14	0.09
23	0.22	0.17	0.14	0.24	0.18	0.36	0.38	1.9	0.22	0.07	0.09	0.09
24	0.20	0.15	0.14	0.33	0.17	0.37	0.46	2.0	0.26	0.07	0.09	0.09
25	0.20	0.13	0.13	0.25	0.17	0.41	0.37	1.3	0.19	0.06	0.08	0.09
26	0.18	0.13	0.13	0.26	0.17	0.60	0.35	4.1	0.16	0.07	0.09	0.09
27	0.19	0.13	0.14	0.35	0.17	0.46	0.41	1.9	0.13	0.07	0.08	0.09
28	0.16	0.13	0.13	0.37	0.16	0.37	0.46	1.9	0.11	0.06	0.08	0.10
29	0.16	0.12	0.13	0.27		0.37	0.42	1.4	0.11	0.06	0.08	0.10
30	0.20	0.13	0.12	0.25		0.50	e0.43	0.96	0.10	0.06	0.08	0.10
31	0.20		0.13	0.26		0.61		0.95		0.07	0.09	
TOTAL	4.69	5.74	3.90	5.40	4.91	8.91	12.69	48.61	8.07	2.19	2.37	2.63
MEAN	0.15	0.19	0.13	0.17	0.18	0.29	0.42	1.57	0.27	0.071	0.076	0.088
MAX	0.22	0.86	0.15	0.37	0.30	0.61	0.76	4.1	0.90	0.10	0.17	0.10
MIN	0.09	0.12	0.10	0.12	0.13	0.17	0.28	0.44	0.10	0.06	0.05	0.08
AC-FT	9.3	11	7.7	11	9.7	18	25	96	16	4.3	4.7	5.2
STATIST	CICS OF MC	NTHLY MEA	N DATA	FOR WATER	YEARS 1984	- 2003	, BY WATER	R YEAR (WY)			
MEAN	0.36	0.42	0.41	0.43	0.40	0.65	1.28	1.55	0.87	0.38	0.24	0.26
MAX	1.10	1.48	1.49	1.29	1.00	1.59	2.96	4.89	3.81	1.53	1.02	1.06
(WY)	2000	1984	1984	1997	1984	2000	1999	1999	1998	1999	1999	1999
MIN	0.042	0.059	0.000	0.047	0.068	0.093	0.15	0.013	0.006	0.009	0.000	0.008
(WY)	1989	1992	1992	1992	1991	1991	1992	1992	1992	1991	1988	1988
SUMMARY	STATISTI	CS	FOR	2002 CALE	ENDAR YEAR		FOR 2003 V	WATER YEAR		WATER YEA	ARS 1984	- 2003
ANNUAL	TOTAL			105.1	11		110.1	11				
ANNUAL	MEAN			0.2	29		0.3			0.6	5 0	
HIGHEST	ANNUAL M	IEAN								1.7	73	1999
LOWEST	ANNUAL ME	EAN								0.0	051	
HIGHEST	DAILY ME	EAN		2.1	l Apr 6			1 May 26			7 Jan	
LOWEST	DAILY MEA	AN		0.0	03 Jul 7		0.0	05 Aug 17			00 Jul 1	
		MINIMUM		0.0	04 Jul 2		0.0	06 Aug 11		0.0	00 Jul 1	3 1988
	M PEAK FLO						6.7	7 May 26		12	00 Jul 1 Jan 75 Jan	2 1997
	I PEAK STA						4.:	33 May 26				2 1997
	RUNOFF (A			208			218			438		
	CENT EXCEE			0.5			0.5			1.4		
	CENT EXCEE			0.1			0.1			0.1		
90 PERC	CENT EXCEE	SUS		0.0	16		0.0	J /		0.0	15	

10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

Date	Time	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)		Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	org-N, water, fltrd,	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 2002													
09	1430	.10					147	18.5	6.0		.26	< .003	.003
NOV													
07 DEC	1220	.30					132	6.0	3.0		.14	< .003	< .002
04	1620	.10	600	11.0	98	7.9	131	. 0	1.0	.05	.12	< .003	.012
JAN 2003	1620	.10	600	11.0	90	7.5	131	. 0	1.0	.05	.12	<.003	.012
08	1315	.10					133	3.0	1.5		.15	< .003	.017
FEB													
07	1420	E.20					132	-2.5	. 5		.15	< .003	.020
MAR													
04	1430	.20	588	10.6	98	7.7	134	1.0	1.5	.12	.22	< .003	.020
25	1440	.30					126	9.5	3.0	.14	.20	< .003	.020
APR													
03	1350	.50					120	1.0	1.5		.24	< .003	.020
08	1445	. 4 0					127	13.0	3.0		.19	< .003	.015
09	1525	.50					121	12.5	3.0	.13	.23	.003	.015
22	1330	.30					124	6.0	2.5	.28	.32	< .003	.017
MAY	1 4 1 5	4.0					101	10 5	3.5	11	1.0	0.00	012
01 07	1415 1405	.40					121 114	10.5 7.5	3.5	.11	.18	<.003	.013
10	1130	.50					107	6.0	2.0	.19	.24	<.003	.011
12	1540	1.2					107	16.0	4.5	.19	.28	<.003	.013
14	1425	1.9					99	16.0	4.5	.34	.41	<.003	.009
17	1330	1.3					97	15.5	5.0	.10	.56	<.003	.008
20	1830	3.0					93	19.0	6.0	.16	.42	.005	.006
27	1225	.80					108	20.5	8.0	.22	.29	.003	.004
JUN													
06	1350	.20	608	8.9	99	8.0	133	23.5	10.0	.22	.35	< .003	.005
10	1345	E.40					136	21.0	9.5	.15	.26	< .003	.007
JUL													
09	1815	.10					156	25.0	10.0		.12	< .003	.015
AUG													
05	1415	.10					160	20.5	10.5		.12	< .003	.016
SEP													
04	1415	.10	602	8.6	97	7.8	158	17.0	10.0	.08	.07	.004	.013

PYRAMID AND WINNEMUCCA LAKES BASIN 10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002						
09	.003	.013	.015	1	< .01	
NOV						
07	.002	.013	.016	2	< .01	
DEC						
04	.001		.006	1	< .01	
JAN 2003	0.00	0.04	006	2	0.1	
08 FEB	.002	.004	.006	2	< .01	
07	.002	.007	.009	3	< .01	
MAR	.002	.007	.005	3	1.01	
04	.002	.009	.010	2	< .01	
25	.003	.014	.014	7	.01	
APR						
03	.002	.008	.010	3	< .01	
08	.002	.009	.012	3	< .01	
09	.002	.011	.012	5	.01	
22	.001	.006	.010	2	< .01	
MAY	0.00	0.00	012	2	. 01	
01	.002	.008	.013	5	< .01	
10	.003	.009	.013	2	<.01	
12	.002	.007	.013	38	.12	47
14	.003	.010	.026	33	.17	4 /
17	.003	.011	.024	5	.02	
20	.003	.010	.030	16	.13	
27	.002	.012	.016	6	.01	
JUN						
06	.003	.012	.013	1	< .01	
10	.003	.013	.019	3	< .01	
JUL						
09	.003	.025	.028	1	< .01	
AUG						
05	.003	.014	.015	< 1	< .01	
SEP						
04	.004	.010	.012	2	< .01	

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

103367592 EAGLE ROCK CREEK NEAR STATELINE, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°57′24″, long 119°55′36″, in NE ¹/₄ SW ¹/₄ sec.26, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 0.2 mi upstream from confluence of Edgewood Creek, and 0.8 mi east of Stateline.

DRAINAGE AREA.--0.63 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1989 to September 2000, August 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,480 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $4.0 \text{ ft}^3/$ s, January 2, 1997, gage height, 5.68 ft; maximum gage height 6.22 ft, December 17, 2002, backwater from ice; minimum daily, $0.19 \text{ ft}^3/$ s, September 16-25, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.1 ft³/s, August 21, gage height 5.71 ft; maximum gage height 6.22 ft, December 17, backwater from ice; minimum daily, 0.40 ft³/s, September 29.

		DISC	CHARGE, CU	UBIC FEET		, WATER Y LY MEAN V	EAR OCTOBER ALUES	2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.53	0.70	e0.55	0.54	0.69	0.50	0.72	0.72	0.72	0.59	0.60	0.48
2	0.53	0.79	e0.54	0.61	0.69	0.50	0.68	0.73	0.72	0.60	0.60	0.48
3	0.53	0.79	e0.54	0.61	0.66	0.50	0.68	0.78	0.75	0.59	0.60	0.48
4	0.53	0.79	e0.54	0.61	0.65	0.51	0.63	0.80	0.76	0.57	0.60	0.51
5	0.53	0.79	e0.54	e0.65	e0.65	0.52	0.65	0.78	0.76	0.57	0.60	0.51
6	0.53	0.79	e0.54	e0.65	e0.63	0.52	0.66	0.83	0.61	0.56	0.59	0.50
7	0.53	0.79	e0.53	e0.67	e0.60	0.51	0.67	0.79	0.60	0.56	0.57	0.50
8	0.53	e0.80	e0.53	e0.79	e0.58	0.52	0.69	0.75	0.60	0.57	0.57	0.50
9	0.51	e0.90	e0.53	e0.90	e0.55	0.52	0.67	0.73	0.59	0.57	0.57	0.50
10	0.47	0.77	0.53	e0.90	e0.53	0.52	0.67	0.70	0.57	0.57	0.57	0.50
11	0.47	0.58	0.53	0.84	0.51	0.54	0.69	0.76	0.57	0.59	0.56	0.50
12	0.47	0.54	0.53	0.66	0.44	0.55	0.69	0.85	0.58	0.57	0.55	0.50
13	0.47	0.61	0.48	0.66	0.41	0.56	e0.70	0.96	0.57	0.57	0.55	0.52
14	0.47	e0.60	e0.55	0.66	0.49	0.55	0.60	1.00	0.57	0.57	0.54	0.54
15	0.47	e0.60	e0.55	0.66	0.50	0.55	0.60	0.97	0.57	0.56	0.52	0.52
16	0.53	e0.60	0.54	0.66	0.50	0.55	0.60	0.94	0.55	0.55	0.52	0.52
17	0.53	e0.60	e0.53	0.66	0.50	0.55	0.62	0.92	0.57	0.56	0.52	0.50
18	0.53	e0.60	0.52	0.66	0.50	0.55	0.63	0.87	0.57	0.57	0.54	0.50
19	0.53	e0.60	0.50	0.66	0.50	0.55	0.64	0.82	0.57	0.57	0.55	0.49
20	0.59	e0.60	0.61	0.66	0.50	0.55	0.66	0.77	0.55	0.55	0.55	0.48
21	0.61	e0.60	0.60	0.66	0.50	0.55	0.66	0.77	0.55	0.56	0.67	0.47
22	0.61	e0.60	0.53	0.66	0.50	0.57	0.66	0.74	0.55	0.55	0.65	0.46
23	0.61	e0.58	0.53	0.72	0.50	0.62	0.67	0.71	0.58	0.57	0.53	0.46
24	0.61	e0.58	0.53	0.72	0.50	0.63	0.69	0.69	0.59	0.57	0.48	0.44
25	0.61	e0.55	0.53	0.64	0.50	0.64	0.69	0.67	0.57	0.57	0.48	0.44
26	0.61	e0.55	0.57	0.63	0.50	0.71	0.69	0.66	0.60	0.57	0.49	0.43
27	0.64	e0.55	0.61	0.67	0.50	0.69	0.70	0.66	0.60	0.57	0.50	0.42
28	0.70	e0.55	0.56	0.69	0.50	0.66	0.71	0.69	0.60	0.55	0.49	0.41
29	0.70	e0.55	0.47	0.67		0.67	0.72	0.69	0.58	0.55	0.48	0.40
30 31	0.70 0.70	e0.54	0.47	0.67 0.69		0.70 0.76	0.72	0.71 0.73	0.57	0.56 0.57	0.48	0.42
moma r	15 20	10 10	16.62	01 10	15.00	1 17 00	20.06	04 10	10 14	17.60	15 00	14 20
TOTAL	17.38	19.49	16.63	21.13	15.08	17.82	20.06	24.19	18.14	17.60	17.00	14.38
MEAN MAX	0.56 0.70	0.65 0.90	0.54 0.61	0.68 0.90	0.54	0.57 0.76	0.67 0.72	0.78 1.0	0.60 0.76	0.57 0.60	0.55 0.67	0.48
MIN	0.47	0.54	0.47	0.54	0.41	0.76	0.72	0.66	0.76	0.55	0.48	0.40
AC-FT	34	39	33	42	30	35	40	48	36	35	34	29
STATIST	TICS OF M	ONTHLY ME	AN DATA	FOR WATER	YEARS 199	90 - 2003	, BY WATER	YEAR (WY	()			
MEAN MAX	0.82 1.51	0.82	0.79 1.47	0.83 1.72	0.82 1.50	0.86 1.49	0.91 1.52	0.86 1.53	0.73 1.28	0.68 1.25	0.70 1.38	0.73 1.50
(WY)	1.51	2000	2000	1.72	1.50	1.49	1999	1999	1.28	1999	1.38	1.50
MIN	0.26	0.27	0.29	0.26	0.29	0.39	0.37	0.29	0.25	0.25	0.26	0.21
(WY)	1993	1993	1993	1992	1993	1991	1992	1992	1992	1993	1994	1991
SUMMAR	Y STATIST	ICS			FOR 2	2003 WATE	R YEAR			WATER YEA	ARS 1990	- 2003
ANNUAL ANNUAL					2	0.60				0.8	83	
	r ANNUAL	MEAN				0.00				1.4		1999
	ANNUAL M									0.1		1992
	r DAILY M					1.0	May 14				5 Jan :	
LOWEST	DAILY ME	AN					Sep 29				19 Sep 1	
		Y MINIMUM				0.42	Sep 24				19 Sep 1	
	M PEAK FL						Aug 21			4.0		2 1997
	M PEAK ST						Dec 17				22 Dec 1	7 2002
	RUNOFF (4	134				598		
	CENT EXCE					0.73				1.5		
	CENT EXCE					0.57				0.7		
90 PER	CENT EXCE	EDS				0.50				0.2	28	

e Estimated

103367592 EAGLE ROCK CREEK NEAR STATELINE, NV

(Lake Tahoe Interagency Monitoring Program)

WATER-QUALITY RECORDS

PERIOD OF RECORD .-- Water years 1990 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: March to September 2003.

INSTRUMENTATION .-- Water temperature recorder since March 2003, two times per hour.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature monitor records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--WATER TEMPERATURE: Maximum, 14.0°C, July 21, 2003; minimum, freezing point on several days in March and April, 2003.

EXTREMES FOR CURRENT YEAR.-- WATER TEMPERATURE: Maximum, 14.0°C, July 21, 22, 30; minimum, freezing point, several days March and April.

										Ammonia	Ammonia		
					Dis-	pН,	Specif.			+	+		
		Instan-	Baro-		solved	water,	conduc-			org-N,	org-N,	Ammonia	Ammonia
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	water,	water,	water,	water,
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	unfltrd
Date	Time	charge,		oxygen,	of sat-	std	uS/cm	air,	water,	mq/L	mg/L	mq/L	mq/L
		cfs	mm Ha	ma/L	uration	units	25 degC	deg C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00610)
		(/	(/	(,	(/	(,	(,	(,	(/	(/	(/	(,	(/
OCT 2002													
09	1255	.50					56	18.0	6.5	.11	.21	< .003	.003
NOV	1233	.50					30	10.0	0.5		.21	1.005	.003
07	0920	.80					57	5.0	3.5	.09	.11	.003	.008
08	0900	E1.5					95	3.5	3.0	.53	1.4	.003	.019
DEC	0900	ьт.5					33	3.3	3.0	.55	1.4	.004	.019
04	1335	E.50	603	10.7	98	7.7	55	4.5	2.0	.11	.29	< .003	< .003
JAN 2003	1335	E.50	603	10.7	98	/./	55	4.5	2.0	. 1 1	. 29	< .003	< .003
08	1130	E.80					56	1.0	2.0	< . 04	.14	< .003	< .003
FEB													
07	1210	E.60					55	-3.5	. 1	.05	.12	< .003	< .003
MAR													
04	1130	.50		10.7	98	7.5	5 5	1.5	1.5	.04	.11	< .003	.003
26	1010	.70					60	6.5	4.0	.14	.46	< .003	.009
APR													
03	1130	.60					58	1.5	1.0	.09	.12	< .003	.004
09	1445	.70					59	11.0	4.9	.09	.25	< .003	.007
23	1330	.70					56	10.5	4.3	.13	.22	< .003	.004
MAY													
02	1430	.70					59	6.5	4.2	.19	.32	< .003	< .003
07	1210	.80					58	6.5	3.7	.16	.23	< .003	< .003
12	1355	.80					59	15.5	6.9	.16	.20	< .003	< .003
14	1710	1.0					64	16.0	7.0	.28	.31	< .003	.006
17	1505	.90					62	14.5	7.5	.06	.69	.003	.003
20	1655	.80					63	19.0	8.1	< .04	.11	.004	.006
22	1430	.70					62	25.0	10.0	< . 04	.08	.003	.007
30	1645	.70					61	19.5	10.0	.09	.20	< .003	.006
JUN													
09	1250	.60	599	8.3	98	7.3	59	23.0	11.9	.12	.15	< .003	.004
11	1330	.60					58	19.5	10.1	.12	.17	<.003	.005
26	1540	.60					59	25.0	10.1	.08	.19	.004	.005
JUL	1340	.60					33	25.0	10.5	.08	.19	.004	.005
11	1005	.60					58	18.5	8.4	.04	.16	< .003	.004
AUG	1005	.60					20	18.5	5.4	.04	.10	< .003	.004
05	0920	.60					59	11.5	7.9	.06	.18	< .003	.004
SEP							- 0						
04	1140	.50	605	8.4	94	7.7	58	19.5	9.8	.04	.19	.003	.007

PYRAMID AND WINNEMUCCA LAKES BASIN 103367592 EAGLE ROCK CREEK NEAR STATELINE, NV--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	water	¹ Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Ortho- phos- phate, water, unfltrd mg/L as P (70507)	Phos- phorus, water, fltrd, mg/L (00666)	water,	Iron (bio reac- tive), water, unfltrd ug/L (46568)	Iron (bio reac- tive), water, fltrd, ug/L (63673)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002											
09	.022	.020	.044	.06	.053	.082	369	3 9	12	.02	
NOV											
07	.016		.049	.06	.060	.090	252	44	13	.03	
08	.060	.067	.157	.26	.203	.559	5100	121	179	E.72	54
DEC											
04	.035	.033	.039	.04	.044	.055	163	4 0	5	E.01	
JAN 2003											
08	.049	.064	.043	.05	.046	.059	167	45	9	E.02	
FEB											
07	.069	.078	.034	.04	.038	.040	316	56	8	E.01	
MAR											
04	.049	.049	.033	.04	.038	.052	205	47	11	.01	
26	.076	.074	.045	.07	.055	.124	1550	95	43	.08	43
APR											
03	.102	.093	.033	.04	.040	.061	463	60	29	.05	
09	.073	.068	.036	. 05	.043	.073	583	55	21	.04	
23	.070	.062	.032	.04	.038	.064	526	55	16	.03	
MAY 02	.067	.068	.036	.05	.041	.074	573	0.2	1.0	.03	
02	.067	.096	.035	.05	.041	.060	337	83 66	16 13	.03	
12	.096	.096	.035	.05	.041	.086	614	60	25	.03	
14	.317	.333	.044	.05	.052	.143	1270	65	54	.15	33
17	.124	.125	.044	.05	.052	.097	517	54	26	.06	
20	.096	.097	.040	.05	.045	.092	529	68	22	.05	
22	.078	.080	.041	.05	.049	.089	606	51	16	.03	
30	.046	.047	.038	.05	.047	.069	320	44	13	.02	
JUN	.010	.017	.030	.03	.01,	.005	320			.02	
09	.046	.046	.037	.04	.049	.067	308	42	12	.02	
11	.036	.044	.033	.04	.051	.072	500	41	21	.03	
26	.033	.034	.034	.04	.041	.073	213	39	7	.01	
JUL											
11	.041	.042	.032	.04	.041	.059	291	37	7	.01	
AUG											
05	.032	.034	.029	.04	.040	.058	400	42	9	.01	
SEP											
04	.034	.033	.032	.04	.037	.054	274	44	7	.01	

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^{1}\,}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

PYRAMID AND WINNEMUCCA LAKES BASIN 103367592 EAGLE ROCK CREEK NEAR STATELINE, NV--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							4.0	1.5	3.0	4.5	2.0	3.0
2							1.5	0.0	1.0	4.0	3.0	3.5
3 4							1.5	0.0	0.5	5.0 3.5	2.5 2.5	3.5
5				2.0	1.0	1.5	2.0	0.5	1.0	5.0	1.5	3.0
6				2.5	1.0	1.5	2.0	1.0	1.5	4.5	2.0	3.0
7				2.5	1.0	1.5	3.0	1.0	2.0	4.0	2.5	3.5
8				2.5	1.0	2.0	4.0	2.0	3.0	3.5	1.5	2.5
9 10				3.0	1.5 2.0	2.0	5.0 5.0	2.5	3.5 3.5	3.5 4.5	1.0	2.0
11				3.5	1.5	2.5	5.5	3.0	4.0	6.0	2.0	4.0
12				3.5	2.0	2.5	4.0	1.5	3.0	7.0	3.0	5.0
13				4.0	2.5	3.0	1.5	0.0	1.0	8.0	3.5	5.5
14				3.5	2.0	2.5	2.5	1.0	1.5	7.5	4.0	5.5
15				3.0	1.0	2.5	2.5	1.0	2.0	8.0	3.5	5.5
16				2.5	0.5	1.5	2.5	1.5	2.0	7.5	3.5	5.0
17				2.0	1.0	1.5	3.0	2.0	2.5	7.5	3.5	5.5
18 19				1.5 2.5	0.0	1.0	3.5	1.5	2.5	7.5 7.0	3.0	5.0 5.0
20				3.0	0.0 1.5	1.5 2.0	3.5 3.5	1.0 1.5	2.0	8.5	3.0 4.0	6.0
21				3.5	1.5	2.5	2 ^	1.5	2 -	9.5	E 0	7 ^
21				4.0	2.5	3.0	3.0	1.5	2.5	9.5 10.5	5.0 5.5	7.0 7.5
23				4.5	3.0	3.5	4.5	2.0	3.0	10.5	6.0	8.0
24				3.5	2.5	3.0	3.5	2.0	3.0	10.0	6.0	8.0
25				4.5	2.0	3.0	3.5	1.5	2.5	9.0	6.5	7.5
26				4.5	2.5	3.5	3.5	1.0	2.0	9.5	5.5	7.5
27				3.0	1.0	2.0	3.5	2.0	2.5	11.0	6.5	9.0
28				2.5	1.0	1.5	4.0	1.5	2.5	11.5	7.5	9.5
29 30				3.5 5.0	1.0	2.5	3.0	1.0	2.0	11.5 10.5	8.0 7.5	9.5
31				5.5	3.0	4.0				10.5	6.5	8.5
MONTH							5.5	0.0	2.2	11.5	1.0	5.6
DAV	MAV	MIN	MEAN	MAV	MIN	MEAN	MAV	MIN	MEAN	MAV	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY 1	MAX 10.5		MEAN	MAX 10.5		MEAN 8.5		AUGUST	MEAN			lR
		JUNE			JULY						SEPTEMBE	
1 2 3	10.5 11.0 11.0	JUNE 6.5 7.0 7.5	8.5 9.0 9.5	10.5 10.5 11.0	JULY 7.0 6.5 7.5	8.5 8.5 9.0	12.0 11.0 11.5	AUGUST 10.5 10.0 9.0	11.0 10.5 10.5	10.5 11.0 10.5	8.0 8.0 8.0 9.0	9.0 9.5 10.0
1 2 3 4	10.5 11.0 11.0 11.5	JUNE 6.5 7.0 7.5 8.0	8.5 9.0 9.5 9.5	10.5 10.5 11.0 11.0	JULY 7.0 6.5 7.5 6.5	8.5 8.5 9.0 9.0	12.0 11.0 11.5 12.5	10.5 10.0 9.0 9.5	11.0 10.5 10.5 11.0	10.5 11.0 10.5 11.0	8.0 8.0 9.0 9.0	9.0 9.5 10.0 10.0
1 2 3	10.5 11.0 11.0	JUNE 6.5 7.0 7.5	8.5 9.0 9.5	10.5 10.5 11.0	JULY 7.0 6.5 7.5	8.5 8.5 9.0	12.0 11.0 11.5	AUGUST 10.5 10.0 9.0	11.0 10.5 10.5	10.5 11.0 10.5	8.0 8.0 9.0	9.0 9.5 10.0
1 2 3 4	10.5 11.0 11.0 11.5	JUNE 6.5 7.0 7.5 8.0	8.5 9.0 9.5 9.5	10.5 10.5 11.0 11.0	JULY 7.0 6.5 7.5 6.5	8.5 8.5 9.0 9.0	12.0 11.0 11.5 12.5	10.5 10.0 9.0 9.5	11.0 10.5 10.5 11.0	10.5 11.0 10.5 11.0	8.0 8.0 9.0 9.0	9.0 9.5 10.0 10.0
1 2 3 4 5	10.5 11.0 11.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0	8.5 9.0 9.5 9.5 9.0	10.5 10.5 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 6.5	8.5 8.5 9.0 9.0 9.0	12.0 11.0 11.5 12.5 11.0	10.5 10.0 9.0 9.5 7.5	11.0 10.5 10.5 11.0 9.5	10.5 11.0 10.5 11.0 11.0	8.0 8.0 9.0 9.0 8.5 8.0 8.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5
1 2 3 4 5 6 7 8	10.5 11.0 11.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0	8.5 9.0 9.5 9.5 9.0	10.5 10.5 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0	8.5 8.5 9.0 9.0 9.0 9.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0	10.5 11.0 10.5 11.0 11.0	8.0 8.0 9.0 9.0 8.5 8.0 8.0 7.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.0
1 2 3 4 5 6 7 8 9	10.5 11.0 11.5 11.0 12.0 12.0 11.5	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 8.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.0 7.5
1 2 3 4 5 6 7 8 9	10.5 11.0 11.5 11.0 12.0 12.0 12.0 11.5	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 8.0 7.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 12.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 10.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 8.0 7.0 6.5	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.0 7.5
1 2 3 4 5 6 7 8 9 10	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 8.0 7.0	8.5 9.0 9.5 9.5 9.0 9.0 10.0 10.0 10.0 9.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 8.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.0 7.5 7.5
1 2 3 4 5 6 7 8 9 10	10.5 11.0 11.0 11.5 11.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 7.0 6.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.0 7.0 8.0 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 7.5 7.5
1 2 3 4 5 6 7 8 9 10	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.5 7.5 8.0 8.0 7.0 6.5	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 7.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 10.0 9.5 9.5 8.5 8.0 7.5 7.5 7.5 8.5
1 2 3 4 5 6 7 8 9 10	10.5 11.0 11.0 11.5 11.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 7.0 6.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.0 7.0 8.0 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 7.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 8.0 7.0 7.0 6.0 6.5 6.0 6.5	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 9.5 9.5 9.5	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 7.0 8.0 7.5 7.0 7.5 9.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5 9.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 10.0 9.5 9.5 8.5 8.0 7.5 7.5 7.5 8.5 8.6 8.0 8.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	10.5 11.0 11.5 11.0 11.5 11.0 12.0 12.0 11.5 11.0	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 7.0 6.0 6.5 6.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 8.0 7.5	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 7.0 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0	9.0 9.5 10.0 9.5 9.5 9.5 9.0 8.5 8.0 7.5 7.5 8.5 7.5 8.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0 10.5 10.5 10.5 10.5	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 6.0 6.5 6.0 6.5 8.0 8.5 8.5	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 9.5 10.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 9.5 9.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.0 7.0 8.0 7.5 7.0 7.5 9.0 9.0 8.5 9.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5 9.0 10.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 8.6 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 7.0	9.0 9.5 10.0 10.0 9.5 8.5 7.5 8.5 7.5 8.5 7.5 8.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0 10.5 10.5 10.5 10.5 10.5	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 6.0 6.5 6.0 6.5 8.0 8.5 7.0	8.5 9.0 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 9.5 9.5	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 9.5 9.5 9.5 10.0	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0 11.0 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 7.5 9.0 9.0 8.5 9.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5 9.0 10.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 6.5 7.0	9.0 9.5 10.0 10.0 9.5 9.5 8.5 7.5 7.5 8.0 7.5 7.5 8.0 8.0 7.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0 10.5 10.5 10.5 10.5	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 6.0 6.5 6.0 6.5 8.0 8.5 8.5	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 9.5 10.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 9.5 9.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.0 7.0 8.0 7.5 7.0 7.5 9.0 9.0 8.5 9.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5 9.0 10.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 8.6 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 7.0	9.0 9.5 10.0 10.0 9.5 8.5 7.5 8.5 7.5 8.5 7.5 8.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 7.0 6.0 6.5 6.0 6.5 8.0 8.5 8.7 7.0 6.0 6.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 10.5 10.5 10.5 10.5 10.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 8.5 9.5 10.0 10.5	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 10.0 10.5 11.0 11.5 11.5	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0 11.0 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 9.0 9.0 9.0 10.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 9.5 9.0 10.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 6.5 7.0 6.5 6.5	9.0 9.5 10.0 10.0 9.5 9.5 8.5 7.5 7.5 8.5 7.5 8.0 7.5 6.0 6.0 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 8.0 7.0 7.0 6.5 6.0 6.5 8.0 8.5 8.0 7.0 6.0 6.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 8.5 9.5 10.5 10.5 10.5 10.5 10.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 8.5 9.5 10.0 10.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0 11.0 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 10.5 10.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 9.5 8.0 7.5 8.0 7.5 8.5 8.5	SEPTEMBE 8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 5.0 6.0 6.0 6.0 6.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.5 7.5 7.5 7.5 8.0 8.0 7.5 7.5 6.0 6.0 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	10.5 11.0 11.5 11.0 12.0 12.0 11.5 10.5 10.5 10.5 10.5 10.5 10.5	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 8.0 7.0 7.0 6.0 6.5 8.0 8.5 8.0 8.5 8.5 7.0 7.0	8.5 9.0 9.5 9.0 10.0 10.0 10.0 10.0 8.5 8.5 8.5 8.5 8.5 8.5 7.5 6.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.5 12.0 11.5 12.5 11.5 11.5 12.5 13.0 12.0 13.5	JULY 7.0 6.5 7.5 6.5 7.0 6.5 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 10.5 10.5 10.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0 9.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 8.5 9.5 9.5 8.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 6.5 7.0 6.5 6.5 7.0 6.5 7.0	9.0 9.5 10.0 9.5 10.0 9.5 9.0 8.5 7.5 7.5 8.0 7.5 8.0 8.0 7.5 8.0 7.5 8.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 8.0 7.0 7.0 6.5 6.0 6.5 8.0 8.5 8.0 7.0 6.0 6.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 8.5 9.5 10.5 10.5 10.5 10.5 10.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 8.5 9.5 10.0 10.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.	12.0 11.0 11.5 12.5 11.0 11.0 5 10.5 10.5 11.0 11.0 11.0	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 9.5 8.0 7.5 8.0 7.5 8.5 8.5	SEPTEMBE 8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 5.0 6.0 6.0 6.0 6.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.5 7.5 7.5 7.5 8.0 8.0 7.5 7.5 6.0 6.0 7.0
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	10.5 11.0 11.0 11.5 11.0 12.0 12.0 12.5 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 8.0 7.0 6.0 6.5 6.0 6.5 8.5 7.0 7.0 6.0 6.5 8.5 8.5 7.0 7.0	8.5 9.0 9.5 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 8.5 7.5 7.5 7.5 7.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 12.0 11.5 12.5 11.5 11.5 11.5 11.5 11.5	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 10.5 10.5 10.5 10.5	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 11.0 11.5 11.5 12.0 12.0 12.0	12.0 11.0 11.5 12.5 11.0 10.5 10.5 10.5 11.0 11.0 11.0 11	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 7.5 7.0 9.0 8.0 7.5 9.0 9.0 9.0 10.0 10.0 9.0 8.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 8.5 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 9.5 9.5 8.6 9.5 9.5	8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 6.5 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	9.0 9.5 10.0 10.0 9.5 8.5 7.5 7.5 8.5 7.5 8.6 6.0 7.0 7.0 7.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 11.0 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 7.0 6.0 6.5 6.0 6.5 8.0 7.0 6.0 6.5 8.5 8.5 7.0 7.0 6.0 6.5 6.0 6.5 7.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 9.0 8.5 8.5 8.5 10.5 10.5 10.5 10.5 10.5 10.5 10.6 10.6 10.6 10.6 10.6 10.7 10.7 10.8 10	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 8.5 9.5 10.0 10.5 10.5 11.0 10.0	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 11.0 11.5 11.5 12.0 12.0 12.0 11.5 11.0 11.5	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.5 11.0 11.5 11.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 9.0 9.0 9.0 10.0 10.0 9.0 8.5 8.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 8.5 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5 10.5 10.0	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 8.5 9.5 9.5 8.0 8.5 8.5	SEPTEMBE 8.0 8.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 5.0 6.0 6.0 6.5 7.0 6.5 6.0 6.0 6.5 7.0 6.5 6.5 7.0	9.0 9.5 10.0 10.0 9.5 8.5 8.0 7.5 7.5 8.5 7.5 8.0 7.5 6.0 6.0 7.0 7.0 7.5 7.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	10.5 11.0 11.0 11.5 11.0 12.0 12.0 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 7.5 8.0 8.0 7.0 7.0 6.0 6.5 6.0 6.5 8.0 8.5 7.0 7.0 6.0 6.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0 8.5 8.0	8.5 9.0 9.5 9.0 10.0 10.0 10.0 10.0 8.5 8.5 8.5 8.5 10.5 10.0 9.0 8.5 10.5 10.0 9.0 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 8.5 9.5 10.0 10.5 11.0 11.0 10.0 10.0	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.5 11.0 11.5 11.5 12.0 12.0 12.0 11.5 11.5	12.0 11.0 11.5 12.5 11.0 11.0,5 10.5 11.0 11.0 11.0 11.5 11.5 11.5 11.	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0 9.0 8.5 8.0 9.5 8.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5 10.5 10.0 9.5	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 8.0 7.5 8.0 7.5 8.0 9.0 9.0 9.0	SEPTEMBE 8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0	9.0 9.5 10.0 10.0 9.5 9.0 8.5 8.5 7.5 7.5 7.5 8.0 8.0 7.5 7.5 8.0 8.0 7.5 7.5 8.0 8.0 7.5 7.5 8.0 8.0 7.5 7.5 8.0 8.0 7.5 7.5 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	10.5 11.0 11.5 11.0 12.0 12.0 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 7.0 6.0 6.5 8.0 8.5 7.0 7.0 6.0 6.5 8.5 7.0 7.0 6.0 8.5 8.5 7.0 7.0 8.5 8.5 8.5 7.0 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 10.0 8.5 8.5 8.5 8.5 8.5 8.5 7.5 6.5 7.0 8.0 8.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 12.0 11.5 12.5 11.5 11.5 11.5 12.5 13.0 12.0 13.5 14.0 13.5 14.0 13.5 12.5	JULY 7.0 6.5 7.5 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 10.5 10.5 10.5 10.5 10.5 11.0 11.0 10.0 10	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.5 11.0 11.5 12.0 12.0 12.0 11.5 11.5	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5 10.5 10.5 10	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 8.5 9.5 8.5 9.5 9.5 8.0 7.5 8.0 9.0 9.0 9.0	SEPTEMBE 8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 7.0 7.0 7.0	9.0 9.5 10.0 9.5 10.0 9.5 9.0 8.5 8.0 7.5 7.5 8.0 8.0 7.5 8.0 7.5 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	10.5 11.0 11.0 11.5 11.0 12.0 12.0 12.5 11.0 10.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 7.0 6.0 6.5 6.0 6.5 6.0 6.5 7.0 7.0 6.0 6.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	8.5 9.0 9.5 9.0 10.0 10.0 10.0 10.0 8.5 8.5 8.5 10.5 10.0 9.0 8.5 8.5 10.5 10.0 9.0 8.5 8.5 8.5	10.5 10.5 11.0 11.0 11.0 11.0 11.0 11.0	JULY 7.0 6.5 7.5 6.5 7.0 6.5 7.0 8.0 8.0 8.0 8.0 7.5 8.0 10.5 10.5 10.5 10.5 10.5 10.0 10.0 10	8.5 8.5 9.0 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.0 11.0 11.5 11.5 12.0 12.0 12.0 11.5 11.0 11.5	12.0 11.0 11.5 12.5 11.0 11.0,5 10.5 10.5 11.0 11.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 9.0 9.0 9.0 9.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 8.5 8.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5 10.5 10.5 10	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 8.5 9.5 9.5 9.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	SEPTEMBE 8.0 8.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 6.5 7.0 6.5 6.0 6.0 6.5 7.0 6.5 7.0 7.0 6.5 7.0 7.0	9.0 9.5 10.0 10.0 9.5 8.5 8.0 7.5 8.5 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	10.5 11.0 11.5 11.0 12.0 12.0 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	JUNE 6.5 7.0 7.5 8.0 7.5 8.0 8.0 7.0 7.0 6.0 6.5 8.0 8.5 7.0 7.0 6.0 6.5 8.5 7.0 7.0 6.0 8.5 8.5 7.0 7.0 8.5 8.5 8.5 7.0 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	8.5 9.0 9.5 9.0 10.0 10.0 10.0 10.0 8.5 8.5 8.5 8.5 8.5 8.5 7.5 6.5 7.0 8.0 8.0	10.5 10.5 11.0 11.0 11.0 11.0 11.0 12.0 11.5 12.5 11.5 11.5 11.5 12.5 13.0 12.0 13.5 14.0 13.5 14.0 13.5 12.5	JULY 7.0 6.5 7.5 6.5 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 10.5 10.5 10.5 10.5 10.5 11.0 11.0 10.0 10	8.5 8.5 9.0 9.0 9.0 9.0 10.0 10.0 10.0 10.0 10.5 11.0 11.5 12.0 12.0 12.0 11.5 11.5	12.0 11.0 11.5 12.5 11.0 11.0 10.5 10.5 11.0 11.0 11.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5	AUGUST 10.5 10.0 9.0 9.5 7.5 7.5 7.0 7.5 7.0 7.5 9.0 8.0 7.5 9.0 9.0 8.5 9.0 9.0 10.0 10.0 9.0 8.5 8.5 8.5 8.5 7.5	11.0 10.5 10.5 11.0 9.5 9.0 9.0 9.0 8.5 9.0 10.0 10.0 10.5 10.5 10.5 10.5 10.5 10	10.5 11.0 10.5 11.0 11.0 10.5 10.0 9.0 8.5 8.5 9.5 9.5 9.5 8.5 9.5 8.5 9.5 9.5 8.0 7.5 8.0 9.0 9.0 9.0	SEPTEMBE 8.0 8.0 9.0 9.0 8.5 8.0 7.0 6.5 6.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 6.5 7.0 7.0 7.0 7.0	9.0 9.5 10.0 9.5 10.0 9.5 9.0 8.5 8.0 7.5 7.5 8.0 8.0 7.5 8.0 7.5 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 7.5 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0

10336760 EDGEWOOD CREEK AT STATELINE, NV

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat $38^{\circ}57^{\circ}58^{\circ}$, long $119^{\circ}56^{\circ}10^{\circ}$, in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.27, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, at upstream side of culvert on U.S. Highway 50, and 0.5 mi northeast of Stateline.

DRAINAGE AREA.--5.61 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1966 to February 1980 (operated as partial record site), October 1992 to current year.

REVISED RECORDS.--WDR: NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,280 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Discharge affected by slight regulation and diversion for irrigation. See schematic diagram of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 136 ft 3 / s, January 2, 1997, gage height, 6.14 ft; minimum daily, 0.14 ft 3 / s, May 10, 2002, due to temporary diversion upstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17 ft³/s, November 11; gage height, 4.54 ft; minimum daily, 1.1 ft³/s, October 30, 31.

		DISCHAR	GE, CUBIC	C FEET PER		WATER YE MEAN VA		R 2002 TO	SEPTEME	ER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.9	2.8	2.6	3.8	3.0	3.2	e4.6	3.8	1.5	1.8	2.0
2	2.4	1.5	2.7	2.6	3.8	3.0	3.3	e4.6	3.5	1.5	2.3	1.7
3	2.5	1.4	2.7	2.6	3.8	3.0	3.4	e4.6	3.0	1.5	2.2	1.7
4	2.5	1.4	2.7	2.6	3.8	3.0	3.4	e4.6	3.1	1.8	2.2	1.7
5	2.5	1.4	2.7	2.6	3.7	2.9	3.4	e4.6	3.0	1.9	2.1	1.7
6	2.3	1.4	2.7	2.6	3.6	2.9	3.5	e4.6	3.0	1.8	1.9	1.7
7	2.4	1.7	2.7	2.6	3.4	2.9	3.9	e4.6	3.3	1.7	1.8	1.7
8	2.5	5.2	2.5	2.6	3.2	2.9	4.4	4.7	2.1	1.8	1.6	1.7
9	2.5	3.2	2.5	2.6	3.1	3.0	4.3	4.7	1.5	1.8	1.6	1.7
10	2.5	1.9	2.5	2.6	3.1	3.0	5.4	4.7	1.6	1.7	1.6	1.7
11	2.5	5.3	2.5	2.6	3.1	3.1	6.0	4.6	1.6	1.7	1.6	1.6
12	2.6	6.0	2.5	2.6	3.1	3.1	5.6	4.6	1.6	1.7	1.6	1.6
13	2.4	1.9	2.5	2.6	3.1	3.1	5.4	4.8	1.6	1.7	1.6	1.6
14	2.5	2.5	2.7	2.6	3.1	3.2	5.1	5.0	1.6	1.6	1.6	1.6
15	2.5	1.3	2.7	2.6	3.2	3.5	4.9	5.2	1.6	1.6	1.6	1.6
16	2.6	2.8	2.7	2.6	3.2	3.5	4.5	5.3	1.6	1.4	1.5	1.6
17	2.6	2.8	2.6	2.5	3.2	3.5	4.2	5.3	1.7	1.3	1.5	1.6
18	2.7	2.6	2.6	2.5	3.2	3.6	4.2	5.2	1.7	1.3	1.5	1.6
19	2.7	2.4	2.7	2.5	3.2	3.6	4.2	5.2	1.7	1.3	1.5	1.6
20	2.9	2.4	2.7	2.5	3.1	3.6	4.2	5.1	2.1	1.3	1.5	1.6
21	3.0	2.2	2.7	2.5	3.1	3.6	4.3	4.9	2.2	1.3	1.6	1.6
22	3.0	2.8	2.7	2.6	3.1	3.5	4.4	4.8	2.1	1.3	1.6	1.4
23	3.1	3.1	2.6	2.7	3.1	3.5	4.4	4.7	2.1	1.3	1.6	1.3
24	3.1	3.1	2.6	3.0	3.1	3.6	4.6	4.6	2.1	1.3	2.1	1.3
25	3.1	3.1	2.6	3.2	3.1	4.0	4.7	4.5	2.1	1.3	2.2	1.3
26	3.1	3.0	2.5	3.3	3.0	5.3	4.6	4.3	2.1	1.3	2.3	1.3
27	3.2	3.0	2.5	3.5	3.0	6.5	4.6	4.0	2.1	1.3	2.2	1.5
28	2.5	3.0	2.7	3.7	3.0	5.6	e4.6	3.9	2.1	1.4	2.2	1.9
29	1.2	3.0	2.7	3.8		5.0	e4.6	3.9	2.0	1.3	2.2	1.9
3 0	1.1	2.8	2.7	3.8		4.8	e4.6	3.9	1.7	1.4	2.2	1.9
31	1.1		2.6	3.8		4.1		3.8		1.4	2.0	
TOTAL	77.8	80.1	81.6	87.5	91.3	112.9	131.9	143.9	65.3	46.5	56.8	48.7
MEAN	2.51	2.67	2.63	2.82	3.26	3.64	4.40	4.64	2.18	1.50	1.83	1.62
MAX	3.2	6.0	2.8	3.8	3.8	6.5	6.0	5.3	3.8	1.9	2.3	2.0
MIN	1.1	1.3	2.5	2.5	3.0	2.9	3.2	3.8	1.5	1.3	1.5	1.3
AC-FT	154	159	162	174	181	224	262	285	130	92	113	97
STATIST	ICS OF MC	ONTHLY MEA	N DATA FO	OR WATER YE	ARS 1993	- 2003,	, BY WATER	YEAR (WY)				
MEAN	3.32	3.71	4 11	E 10	4 O.E	6 36	7 67	7 66	4.67	2.95	2.80	2 00
MEAN MAX	5.87	5.96	4.11 6.50	5.12 14.4	4.85	6.36 9.83	7.67 13.5	7.66 15.8	10.0	2.95 5.67	4.39	3.08 5.44
(WY)	1999	1999	1997	1997	2000	1998	1999	1999	1998	1998	1997	1997
MIN (WY)	1.49 1993	1.69 1993	1.48 1993	2.10 1993	2.15 1993	2.57 1994	2.92 1994	2.34 1994	1.57 1994	1.38 1994	1.62 1994	1.47 1993
SUMMARY	STATISTI	rcs	FOR 2	2002 CALENI	DAR YEAR	I	FOR 2003 W.	ATER YEAR		WATER YEAR	RS 1993 -	2003
ANNUAL	TOTAL			1079.85			1024.3					
ANNUAL				2.96			2.8			4.69)	
		√EΛN		2.50			2.0	-				1999
	ANNUAL ME									7.71 2.17		1999
	DAILY ME			0 E	Apr 3		<i>c</i>	Mar 27			Jan 2	
					May 10						Jan 2 May 10	
	DAILY MEA				May 10 Oct 29			Oct 30				
		MINIMUM		1.4	000 29			Jul 17		1.3		
	PEAK FLO							Nov 11 4 Nov 11		136		
	PEAK STA			2142						3400	Jan 2	199/
	RUNOFF (A			2140			2030					
	ENT EXCE			4.5			4.6			8.4		
	ENT EXCER			2.6			2.6			4.0		
90 PERC	ENT EXCER	SUS		1.7			1.5			1.7		

e Estimated

10336760 EDGEWOOD CREEK AT STATELINE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

REMARKS.--In August 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

										Ammonia	Ammonia		$^{1}\mathrm{Nitrite}$
			_		Dis-	pН,	Specif.			+	+		+
		Instan-	Baro-	D:-	solved	water,	conduc-	m	m	org-N,	org-N, water,	Ammonia	nitrate
		taneous dis-	metric pres-	Dis- solved	oxygen, percent	unfltrd field.	tance, wat unf	Temper- ature.	Temper- ature.	water, fltrd,	water, unfltrd	water, fltrd.	water fltrd,
Date	Time	charge,		oxygen,	-		uS/cm	ature,	water,	mq/L	mq/L	mg/L	mg/L
Date	111116	cfs	mm Hq	mg/L	uration	units	25 degC	deq C	deg C	as N	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)
		(00001)	(00023)	(00300)	(00301)	(00100)	(00055)	(00020)	(00010)	(00023)	(00023)	(00000)	(00051)
OCT 2002													
09	1200	2.6					93	13.5	8.0		.15	< .003	.008
NOV													
07	1055	1.6					92	6.5	4.0		.07	.004	.021
DEC													
04	1130	2.7	607	10.0	95	7.5	98	6.0	3.5	.08	.10	.009	.024
JAN 2003													
08	1010	2.6					117	-2.0	2.5		.12	.006	.026
FEB													
07	1005	3.4					132	-5.5	2.5		.16	< .003	.035
MAR													
04	0920	3.0	595	10.2	97	7.3	128	. 0	3.0	.07	.12	< .003	.025
27	1525	6.4					133	7.0	5.5	.11	.28	< .003	.030
APR								_					
03	1245	3.4					137	. 5	4.5		.22	< .003	.030
08	1250	4.3					139	12.5	5.0		.20	< .003	.035
09	1340	4.3					142	14.0	5.5	.12	.30	< .003	.033
23 MAY	1445	4.4					140	11.0	6.0	.15	.20	< .003	.031
MA1 02	1330	E4.6					135	6.0	5.5	.12	.12	< .003	.030
02	1040	E4.6					138	5.0	5.0	.12	.12	<.003	.030
10	1545	4.6					121	8.0	6.0	.17	.19	<.003	.035
12	1215	4.4					129	15.0	6.5	.17	.27	<.003	.032
14	1525	5.1					119	19.5	8.0	.13	.17	<.003	.043
20	1550	5.1					111	20.5	9.0	.08	.26	.005	.038
JUN	1330	3.1						20.5	3.0		.20	.005	.000
06	1130	3.1	605	9.0	102	8.1	109	20.0	10.5	.11	.15	< .003	.008
11	1225	1.6					104	18.0	10.0	.14	.16	.008	.014
JUL													
11	0855	1.7					100	14.5	12.0		.16	.003	.012
AUG													
05	1240	2.1					106	19.5	12.0		.23	< .003	.007
SEP													
04	0930	1.6	608	8.2	93	7.3	101	15.5	11.0	.08	.23	.009	.016

PYRAMID AND WINNEMUCCA LAKES BASIN 10336760 EDGEWOOD CREEK AT STATELINE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Ortho-			Sus-	
	phos-			pended	Sus-
	phate,	Phos-	Phos-	sedi-	pended
	water,	phorus,	phorus,	ment	sedi-
	fltrd,	water,	water,	concen-	ment
Date	mg/L	fltrd,	unfltrd	tration	load,
	as P	mg/L	mg/L	mg/L	tons/d
	(00671)	(00666)	(00665)	(80154)	(80155)
OCT 2002					
09	.018	.028	.030	4	.03
NOV					
07	.015	.025	.034	2	.01
DEC					
04	.016	.022	.025	3	.02
JAN 2003					
08	.017	.020	.028	2	.01
FEB					
07	.015	.021	.028	2	.02
MAR					
04	.012	.018	.026	2	.02
27	.009	.020	.044	7	.12
APR					
03	.009	.015	.026	5	.05
08	.009	.016	.032	3	.03
09	.010	.018	.031	3	.03
23	.008	.014	.031	4	.05
MAY					
02	.012	.019	.026	5	E.06
07	.011	.017	.031	8	E.10
10	.011	.018	.029	3	.04
12	.010	.018	.037	14	.17
14	.010	.019	.033	4	.06
20	.010	.018	.035	4	.06
JUN				_	
06	.010	.023	.035	3	.03
11	.012	.024	.036	6	.03
JUL					
11	.014	.028	.038	3	.01
AUG	0.2.0	022	0.57	2	0.0
05	.020	.033	.057	3	.02
SEP 04	015	0.27	.031	2	.01
04	.015	.027	.031	2	.01

Remark Codes Used in This report: <-- Less than E-- Estimated

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°51'48", long 119°57'26", in NE $^1/_4$ NW $^1/_4$ sec.26, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on right bank, 50 ft downstream from U.S. Forest Service Road 12N01, about 2.2 mi upstream from confluence of Saxon Creek, and 2.6 mi northeast of Meyers.

DRAINAGE AREA.--7.41 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- May 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,850 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166 ft³/ s, June 27, 1995, gage height, 6.19 ft; minimum daily, 1.9 ft³/ s, December 21, 1990.

EXTREMES FOR CURRENT YEAR .-- Peak discharges greater than base discharge of 50 ft

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD .-- Water years 1990 to current year.

PERIOD OF DAILY RECORD.-

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

.006

11...

.014

.010

INSTRUMENTATION.--Water temperature recorder since September 1997 to September 2003, two times per hour.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature monitor records represent water temperature at probe within 0.5°C. Interruptions in record due to instrument malfunction. Water temperature records for September 1997 were not published but are available from the U.S. Geological Survey, in Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 14.0°C, July 10, 2002; minimum, freezing point on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, presumably not measured during period of missing record; minimum, freezing point, many days October, November, February to April.

			WAT	ER-QUALITY	DATA, WA	TER YEAR	OCTOBER 2	001 TO SE	PTEMBER 2	002			
					Dis-	pH,	Specif.				Ammonia	Ammonia	
Date	Time	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen mg/L	solved	water, unfltrd field, std units	conduc-	Temper- ature, air, deg C	Temper- ature, water, deg C (00010)	Chlor- ide, water, fltrd, mg/L (00940)	org-N, water,	org-N, water, unfltrd mg/L as N	Ammonia water, fltrd, mg/L as N (00608)
OCT 2001													
02	1330	3.3					60	23.0	7.7			.14	< .003
17	1345	3.4					59	16.5	5.5				
NOV													
07 JAN 2002	1340	3.1					57	11.0	3.0	.21	.14	.14	.004
07	1315	4.5					5 0	6.5	2.6	.23	.25	.32	.007
FEB													
13	1130	3.6					47	5.5	1.9	.18	.15	.20	< .003
MAR 11	1105	3.8				7.3	50	3.5	1.4	.19	.15	.29	< .003
APR	1105	3.0				7.3	50	3.3	1.4	. 1 9	.15	. 23	<.003
30	1105	9.9					32	. 5	2.1	.26	.22	.35	< .003
MAY													
08	1250	15					29	4.5	4.3	.20		.34	.003
14 24	1145 1150	16 14					28 28	13.5 14.0	4.7 5.5	.19	.18 .17	.35 .19	<.003
29	1240	20					24	22.0	8.8	.17		. 27	< .003
30	1700	23					23	23.0	16.5	.16	.23	.29	< .003
JUN													
05	1100	25	593	9.4	102	7.4	23	19.0	8.1	.15	.28	.28	.004
JUL 02	1735	7.0					39	21.0	13.2	.14	.23	.34	< .003
AUG	1/33	7.0					39	21.0	13.2	.14	.23	.34	<.003
16 SEP	1210	4.0	594	8.3	93	7.2	50	25.0	9.5	.15	.08	.13	< .003
11	1620	3.6					54	17.5	7.5	.17		.16	.003
			1										
		Date		Nitrite + nitrate water fltrd, mg/L as N (00631)	fltrd, mg/L as P	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Iron (bio reac- tive), water, unfltrd ug/L (46568)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d	Iron (bio- reac- tive, water fltrd, ug/L (63673)		
				(00631)	(00671)	(00666)	(00665)	(40300)	(00134)	(00133)	(63673)		
		OCT 20											
		02		.002	.009		.016	74	1	.01			
		17 NOV	•										
		07 JAN 20		.002	.008		.014	42	1	.01	24		
		07 FEB		.004	.009	.017	.023	135	3	.04	44		
		13 MAR		.006	.010	.019	.017	48	1	.01	8.5		
		MAR 11	-	.006	.010	.015	.018	57	2	.02	28		
		APR 30		.003	.005	.010	.018	116	2	.05	150		
		MAY											
		08		.004	.006	.010	.026	53	4 6	.16	16		
		14 24		.004	.005	.010	.019 .016	176 318	3	.26 .11	46 40		
		29		.003	.005	.011	.019	177	5	.27	32		
		30		.004	.006	.011	.023	243	10	.62	34		
		JUN 05		.002	.007	.011	.019	138	9	.61	3 0		
		JUL 02		.004	.009	.015	.029	88	3	.06	27		
		AUG 16		.006	.010	.015	.017	79	1	.01	3 0		
		SEP 11		.006	.010	.014	.015	68	2	.02			

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

		Instan-			Dis- solved oxygen,	pH, water, unfltrd	Specif. conduc- tance,	Temper	- Temper	Chlor-	Ammonia + org-N, water,	+ org-N,	Ammonia water,
Date	Time	dis- charge cfs (00061)	pres- sure, mm Hg (00025)	oxygen mg/L	percent of sat- uration (00301)	field, std units (00400)	wat unf uS/cm 25 degC (00095)	ature air, deg 0	water deg C	, fltrd mg/L	l, mg/L as N	mg/L as N	fltrd, mg/L as N (00608)
OCT 2002 10 NOV	1605	3.8					56	15.5	6.6	.19	.04	.13	< .003
06 DEC	1615	4.2					52	10.0	2.7	.19		.04	.004
05 JAN 2003	1645	4.0	588	10.4	97	7.6	51	. 0	1.9	.22	.04	.10	< .003
13 FEB	1325	4.2					50	4.5	2.7	.22	.05	.09	< .003
04 MAR	1130	E4.8					51	. 5	. 1	. 25	.11	.16	< .003
18 MAY	1040	5.4					51	. 5	. 4	.23	.08	.31	< .003
06 20	1210 1315	6.4 16					44 32	7.5 15.5	5.5	.23	.12	.17	< .003
23	1555 1755	31 52					23 18	14.0 21.0			.14	.44	.004
28 JUN 07	1305	52	591	8.9	100	7.2	19	25.0			.10	.16	< .004
JUL	1305	55	391	0.9	100	7.2	13	25.0	5.1		.11	.10	<.003
09 AUG	1600	10					44	28.0	11.8		.06	.09	.003
08 SEP	1510	5.9					47	20.0	9.6		.07	.09	.003
03	1540	4.7	594	8.7	99	7.7	51	13.5	9.8		< .04	.09	.006
		¹ N i	trite ¹ Ni	trite 0	rtho- Or	t.ho-			Tron	Tron	Sus-	Susi	and.
	7		trite ¹ Ni +	+ p	hos- ph	tho-	haa n		(bio	(bio p	-	Sus- se	pnd. edi-
		nonia ni	+ trate n	+ p itrate p	hos- phohate, pl	nos- hate, Pi		hos-	(bio reac-	(bio p	pended sedi- p	Sus- se	
-	wa unf	nonia ni iter, w iltrd f	trate nater that	+ p itrate p water w afltrd f	hos- phohate, phater, walter, uni	nos- hate, Pi ater, pho fltrd wa	orus, pho ater, wa	hos- orus, ater,	(bio reac- tive), water,	(bio preactive), water, c	pended sedi- p ment s oncen-	Sus- se pended mo sedi- s: ment dia	edi- ent, ieve ametr
Date	wa unf	nonia ni ater, w Eltrd f ng/L	trate nater value nater value nater value nater value nater value nater value nater	+ pitrate pwater wafltrd fmg/L	hos- phate, plater, waltrd, unf	nos- hate, Pi ater, pho fltrd wa ng/L fl	orus, pho ater, wa trd, unf	hos- orus, ater, iltrd u	(bio reac- tive), water, nfltrd	(bio preactive), water, cfltrd, ti	pended sedi- p ment s oncen- ration l	Sus- se sedi- s: ment dia	edi- ent, ieve ametr rcent
Date	wa unf n	nonia ni iter, w iltrd f ng/L as N	trate nater trate, using/L as N	+ pitrate pwater wafltrd fmg/Las N	hos- phohate, phate, phater, waltrd, unimg/L mas P	nos- hate, Pi ater, pho fltrd wa ng/L fl as P n	orus, pho ater, wa trd, unf ng/L m	hos- orus, ater, iltrd u	(bio reac- tive), water, nfltrd ug/L	(bio preactive), water, confltrd, to	pended sedi- p ment s oncen- ration l mg/L t	Sus- seconded me sedi- s: ment dia oad, per cons/d <.0	edi- ent, ieve ametr
OCT 2002	wa unf n a (00	monia ni ater, w iltrd f mg/L as N 610) (0	trate n tater ltrd, us mg/L as N 0631) (0	+ pitrate pwater water waftrd fmg/L as N 00630) (0	hos- photo phate, plater, walterd, unimg/L mmg/L as P a0671) (70	nos- hate, Piater, pho filtrd wa ag/L fl as P n 0507) (00	orus, pho ater, wa trd, unf ng/L m	hos- orus, ater, iltrd u ng/L	(bio reac- tive), water, nfltrd ug/L 46568) ((bio reac- tive), water, c fltrd, t: ug/L 63673) (pended sedi- p ment s oncen- ration l mg/L t 80154) (8	Sus- sepended mesedi- seedi- seedi- seedi- ooad, persons/d <(80155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10	wa unf n a (00	nonia ni nonia ni nter, w lltrd f mg/L as N 610) (0	trate nater value	+ pritrate private prices of the prices of t	hos- phohate, phate, phater, waltrd, unifug/L mas P a0671) (70	nos- hate, Pi ater, pho fitrd wa g/L fl ss P n 5507) (00	orus, pho ater, wa trd, unf ag/L m 0666) (00	hos- orus, ater, fltrd u ng/L 0665) ((bio reac- tive), water, nfltrd ug/L 46568) ((bio preactive), water, cfltrd, trug/L 63673) (pended sedi- p ment s oncen- ration l mg/L t 80154) (8	Sus-sepended mescali-sedi-sedi-sedi-sedi-oad, persons/d <.000000000000000000000000000000000000	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC	wa unf n e (00	monia ni tter, w iltrd f mg/L as N 610) (0	trate nater	+ pitrate pwater water water filtrd mg/L as N 00630) (0	hos-phhate, plater, was ltrd, unifumg/L ms P as 0671) (70	nos- hate, P. hater, pho filtrd wa leg/L fl lss P n lssor) (00	orus, photer, water, water, water, water, unfug/L mosses (000) .018	hos- prus, ater, iltrd u ug/L 0665) ((bio reac- tive), water, nfltrd ug/L 46568) ((bio Preactive), water, cfltrd, trug/L 63673) (16	pended sedi- p ment s oncen- ration l mg/L t 80154) (8	Sus- pended my sedi- sment di oad, per ons/d < 80155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003	wa unf n (00	monia ni tter, w iltrd f mg/L as N 610) (0	trate n ater n ater n ltrd, us mg/L as N 0631) (0	+ printer provided the provided to the provided the provided to the provided the pr	hos- phhate, plater, was ater, unimg/L mg/L moss P a 0671) (70	nos- hate, P. hater, pho filtrd wa ig/L fl is P n iso7) (00	orus, pho ater, wa trd, unf g/L m 0666) (00	hos- brus, ater, lltrd u ng/L 0665) (.020	(bio reac- tive), water, nfltrd ug/L 46568) (17 48	(bio Preactive), water, cfltrd, t: ug/L 63673) (:	pended sedi- p ment s oncen- ration l mg/L t 80154) (8	Sus- pended my sedi- sedi- ment di .oad, pe: ons/d < .0 30155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB	wa unf n (000	monia ni nter, w lltrd f ng/L as N 610) (0	+ trate n rater n ltrd, mg/L as N 0631) (0	+ pritrate provided p	hos-phhate, plater, was ltrd, unit mg/L ms P a 0671) (70	nos- hate, P. hater, pho filtrd wa ng/L fl ns P n 1507) (00 .01 .01 .01	orus, photer, water, water, water, water, waterd, unful node (00 cm	nos- prus, ater, (ltrd u 19/L 0665) (.020 .017	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63	(bio Preactive), water, cfltrd, t: ug/L 63673) (16 17 31	pended sedi- p ment soncen-ration l mg/L t 80154) (8	Sus- pended my sedi- sedi- ment di coad, per cons/d <.(7) .01 .02 .02 .05	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04	waunfi n e (000	monia ni nter, w lltrd f ng/L as N 610) (0 .003 .003 .003 .003	+ trate n nater na	+ print the prin	hos- ph hate, pl ater, wa ater, wa ltrd, uni mg/L m as P a 0671) (70 .009 .009 .009 .009	nos- hate, P. hater, pho filtrd wa leg/L fl ls P n ls O1 lo1 lo1 lo1 lo1 lo1 lo1 lo1 lo1	orus, pho ater, wa trd, unf 10666) (00 .018 .018 .014 .013	hos- prus, ater, Eltrd u 19/L .020 .017 .015	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63	(bio Preactive), water, cfltrd, t: ug/L 63673) (16 17 31 39	pended sedi- p ment s oncen- ration 1 mg/L t 80154) (8	Sus- pended my sedi- sedi- ment di coad, per cons/d < .0 30155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAR 18	waunfi	nonia ni tter, w fltrd f ng/L as N 610) (0 .003 .003 .003 .003	+ trate n ater n ltrd, us mg/L as N 0631) (0 .002 .002 .002 .007 .007	+ print prin	hos- phhate, phate, plater, was ater, unimg/L mas P a 0671) (70	nos- hate, P. hater, pho filtrd wa gg/L fl is P n 5507) (00 .01 .01 .01 .01 .01	orus, photer, water, water, water, water, water, waterd, unfing/L mo666) (0000000000000000000000000000000000	hos- prus, ater, cltrd u ng/L .020 .017 .015 .015	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301	(bio Preactive), water, cfltrd, trug/L 63673) (:	pended sedi- p ment s oncen- ration l mg/L t 80154) (8	Sus- pended my sedi- ment di .oad, pei .ons/d <.0 00155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04	wa unf n e (000	monia ni nter, w lltrd f ng/L as N 610) (0 .003 .003 .003 .003	+ trate n nater na	+ print prin	hos- ph hate, pl ater, wa ater, wa ltrd, uni mg/L m as P a 0671) (70 .009 .009 .009 .009	nos- hate, P. hater, pho filtrd wa ing/L fl is P n iso7) (000 .01 .01 .01 .01 .01 .01 .01 .01 .01	orus, pho ater, wa terd, unf ng/L m 10666) (00 .018 .018 .014 .013 .015 .015	hos- prus, ater, Eltrd u 19/L .020 .017 .015	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63	(bio Preactive), water, cfltrd, t: ug/L 63673) (16 17 31 39	pended sedi- p ment s oncen- ration 1 mg/L t 80154) (8	Sus- pended my sedi- sedi- ment di coad, per cons/d < .0 30155) (7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAR 18 MAY 06 20	wa unf n e (000	monia ni mater, w miltrd f mg/L ms N ms/l ms/l ms/l ms/l ms/l ms/l ms/l ms/l	+ trate n nater nate nater nate nate nate nate nate nate nate nate	+ pritrate grade water water water filtrd from g/L as N 00630) (0 000000000000000000000000000000000	hos-phhate, phate, phate, was ltrd, uniful mg/L ms P a 0671) (70	.01 .01 .01 .01 .01 .02	orus, pho ater, we terd, unf ng/L m 0666) (00 .018 .018 .014 .013 .015 .015 .015 .015 .012 .014 .021	nos- prus, ater, cltrd u gg/L 0665) (.020 .017 .015 .017 .015 .033 .019 .029	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301 104 235 1140	(bio reac- tive), water, c fltrd, t: ug/L 63673) (16 17 31 39 20 48 82 65	pended sedi- present sedi- pre	Sus-pended my seedi-seed	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAR 18 MAY 06 20 23	wa unf n e (000	monia ni nter, w lltrd f ng/L as N 610) (0 .003 .003 .003 .003 .003 .003 .003	+ trate n nater na	+ pritrate grade water water water filtrd from g/L as N 00630) (0 000000000000000000000000000000000	hos- ph hate, pl ater, wa ltrd, uni mg/L m as P a 0671) (70 .009 .009 .009 .009 .009 .009	.01 .01 .01 .01 .01 .02	orus, pho ater, we terd, unf ng/L m 0666) (00 .018 .018 .014 .013 .015 .015 .015 .015 .012 .014 .021	hos- prus, ater, fltrd u ug/L .020 .017 .015 .017 .015	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301 104 235	(bio reac- tive), water, c fltrd, t: ug/L 63673) (16 17 31 39 20 48 82	pended sedi- present sedi- pre	Sus-pended my seedi-seed	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAR 18 MAY 06 20 23 28 JUN 07	waunf n e (000	monia ni mater, w miltrd f mg/L ms N ms/l ms/l ms/l ms/l ms/l ms/l ms/l ms/l	+ trate n nater nate nater nate nate nate nate nate nate nate nate	+ print the prin	hos-phhate, phate, phate, was ltrd, uniful mg/L ms P a 0671) (70	nos- hate, P. hater, pho filtrd wa leg/L fl lss P n lssor) (000 .01 .01 .01 .01 .01 .01 .01 .01 .01	orus, pho ater, wa terd, unf ng/L m 10666) (00 .018 .018 .014 .013 .015 .015 .012 .014 .021	nos- prus, ater, cltrd u gg/L 0665) (.020 .017 .015 .017 .015 .033 .019 .029	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301 104 235 1140	(bio reac- tive), water, c fltrd, t: ug/L 63673) (16 17 31 39 20 48 82 65	pended sedi- p ment soncen-ration 1 t 80154) (8	Sus-pended my seedi-seed	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAR 18 MAY 06 20 23 JUN	wa unf n e (000	monia ni nter, w lltrd f ng/L as N 610) (0 .003 .003 .003 .003 .003 .003 .005 .005 .006 .008	+ trate n nater na	+ print the prin	hos- phhate, phate, pha	.01 .01 .01 .01 .01 .01 .01 .01 .01 .01	Drus, photer, water, water, water, water, water, waterd, unfing/L mo666) (000 .018 .018 .014 .013 .015 .015 .015 .015 .015 .012 .021 .021 .021 .021 .021	hos- prus, ater, ltrd u 1g/L .020 .017 .015 .015 .033 .019 .029 .073	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301 104 235 1140 2250	(bio reac- reac- tive), water, c fltrd, t: ug/L 63673) (16 17 31 39 20 48 82 65 51	pended sedi- p ment soncen-ration 1 t 80154) (8	Sus- pended my sedi- sedi- ment di coad, per cons/d < .(30155) (7 .01 .02 .05 E.05 .15 .05 .35 3.7	edi- ent, ieve ametr rcent 063mm 0331)
OCT 2002 10 NOV 06 DEC 05 JAN 2003 13 FEB 04 MAY 06 20 23 28 JUN 07 JUL 09	wa unf " (000	nonia ni tter, w fltrd f ng/L as N 610) (0 .003 .003 .003 .003 .003 .005 .007	+ trate n ater n ltrd, with mg/L as N 0631) (0 002 c.002 .007 .007 .009 .005 .009 .008 .003	+ print the prin	hos-phhate, phate, plater, was atter, unimp/L mas P a 0671) (70	nos- hate, P. hater, pho filtrd with the service of	Drus, photer, we terd, unfile photes, we trad, unfile photes, we trad, unfile photes, we trad, unfile photes, we trad, unfile photes, units and units are proportionally are proportionally and units are proportionally are proportionally and units are proportionally and units ar	hos- prus, ater, cltrd u .020 .017 .015 .017 .015 .033 .019 .029 .073 .118	(bio reac-tive), water, nfltrd ug/L 46568) (17 48 56 63 170 301 104 235 1140 2250 506	(bio Preactive), water, cfltrd, trug/L 63673) (:	pended sedi- p ment soncen- ration l mg/L t 80154) (8	Sus- pended my sedi- ment di .oad, pei .ons/d <.0 .01 .02 .02 .05 E.05 .15 .05 .35 3.7 18	edi- ent, ieve ametr rcent 063mm 0331)

Remark Codes Used in This report:
< -- Less than
E -- Estimated

 $^{^1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

PYRAMID AND WINNEMUCCA LAKES BASIN 10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				WAILK IL	AR OCIOB	ER 2002 I	O SEPIEMBE	2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEMB	ER		JANU	ARY
1	5.0	3.0	3.5	1.5	0.0	0.5						
2	3.5	2.0	3.0	1.5	0.0	0.5						
3	5.0	1.5	3.0	2.0	0.5	1.0						
4	5.5	4.5	5.0	1.5	0.0	1.0						
5	6.0	3.0	4.5	2.0	0.0	1.0						
6	6.5	4.0	5.0	2.5	0.5	1.5						
7	6.0	3.5	5.0	3.0	1.5	2.5						
8	6.0	3.0	4.5	2.0	0.5	1.5						
9	6.5	4.0	5.0	1.5	0.0	0.5						
10	7.0	5.0	6.0	1.0	0.0	0.5						
11	6.0	4.0	5.0	1.5	0.5	1.0						
12	5.0	2.0	3.5	2.5	1.5	2.0						
13	5.5	3.0	4.0	3.0	2.0	2.5						
14	5.5	3.5	4.5	2.0	1.0	1.5						
15	5.0	3.0	4.0									
16	5.0	3.5	4.5									
17	5.0	3.0	4.0									
18	4.5	2.5	3.5									
19	5.0	2.0	3.5									
20	4.5	2.0	3.0									
21	3.5	2.0	3.0									
22	4.0	2.0	3.0									
23	3.5	2.0	3.0									
24	3.5	1.5	2.5									
25	4.0	2.5	3.0									
2.6	2 5	1 5	2 5									
26 27	3.5 3.5	1.5 1.5	2.5									
28	3.5	2.0	2.5									
29	2.5	1.0	2.0									
3 0	2.5	1.5	2.0									
31	1.5	0.0	1.0									
MONITH	7 0	0 0	2.6									
MONTH	7.0	0.0	3.6									
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX			MAX			MAX			MAX		
DAY	MAX	MIN FEBR		MAX	MIN MAR		MAX	MIN APR		MAX		MEAN
DAY 1	MAX 			MAX 			MAX 3.0			MAX 4.0		
1 2		FEBR	UARY		MAR	СН		APR	IL		М	AY
1 2 3		FEBR 	UARY 		MAR 	 	3.0 1.0 1.0	1.0 0.0 0.0	2.5 0.5 0.5	4.0 4.0 4.0	1.5 2.5 2.5	2.5 3.0 3.0
1 2 3 4		FEBR 	UARY 	 	MAR 	 	3.0 1.0 1.0	APR 1.0 0.0 0.0	2.5 0.5 0.5 0.5	4.0 4.0 4.0 4.0	1.5 2.5 2.5 1.5	2.5 3.0 3.0 2.5
1 2 3		FEBR 	UARY 		MAR 	 	3.0 1.0 1.0	1.0 0.0 0.0	2.5 0.5 0.5	4.0 4.0 4.0	1.5 2.5 2.5	2.5 3.0 3.0
1 2 3 4		FEBR 	UARY 	 	MAR 	 	3.0 1.0 1.0	APR 1.0 0.0 0.0	2.5 0.5 0.5 0.5	4.0 4.0 4.0 4.0	1.5 2.5 2.5 1.5	2.5 3.0 3.0 2.5
1 2 3 4 5		FEBR	UARY 		MAR 	 	3.0 1.0 1.0 2.0 2.0	1.0 0.0 0.0 0.0 0.5	2.5 0.5 0.5 0.5	4.0 4.0 4.0 5.0	1.5 2.5 2.5 1.5	2.5 3.0 3.0 2.5 3.0
1 2 3 4 5	1.0	FEBR	UARY 0.0 0.0 0.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5	APR 1.0 0.0 0.0 0.0 0.5 1.0 0.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0	1.5 2.5 2.5 1.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0
1 2 3 4 5 6 7 8 9	1.0 0.5 0.5	FEBR	UARY 0.0 0.0 0.0 0.0		MAR	 	3.0 1.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0	4.0 4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5	1.5 2.5 2.5 1.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.5
1 2 3 4 5	1.0	FEBR	UARY 0.0 0.0 0.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5	APR 1.0 0.0 0.0 0.0 0.5 1.0 0.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0	1.5 2.5 2.5 1.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0
1 2 3 4 5 6 7 8 9	1.0 0.5 0.5	FEBR	UARY 0.0 0.0 0.0 0.0		MAR	 	3.0 1.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0	4.0 4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5	1.5 2.5 2.5 1.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.5
1 2 3 4 5 6 7 8 9	1.0 0.5 0.5 0.0	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5	2.5 3.0 3.0 2.5 3.0 3.0 1.5 2.5
1 2 3 4 5 6 7 8 9 10	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 3.5 4.0
1 2 3 4 5 6 7 8 9 10	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 2.5 3.0 1.5 1.5 2.5
1 2 3 4 5 6 7 8 9 10	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 3.5 4.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 5.0 5.0 0.5 1.5 2.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 1.5 4.0 4.0 3.5 3.5
1 2 3 4 5 6 7 8 9 10	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0	2.5 3.0 3.0 2.5 3.0 3.0 2.5 3.0 1.5 1.5 2.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 2.0 2.0 0.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5	4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 4.0 4.0 3.5 3.5 3.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5 1.5 2.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 2.0 0.5 0.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 4.0 4.0 3.5 3.5 3.5 3.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5	1.0 0.0 0.0 0.0 0.5 1.0 0.5 1.5 2.0 2.0 0.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5	4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 4.0 4.0 3.5 3.5 3.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 2.0 0.5 0.5 1.5 1.5 1.5 1.5	1L 2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.0 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 0.5 1.5 2.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 2.0 0.5 0.5 0.0 0.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 4.0 4.0 3.5 3.5 3.5 3.5
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 4.5 4.5 4.5 4.5 3.0 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 2.0 0.5 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 2.5 3.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5 2.0 2.0 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.5 3.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 0.5 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 2.0 2.5 2.5	4.0 4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 7.0 6.0 7.0	1.5 2.5 2.5 1.0 1.5 2.5 0.5 0.5 1.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 4.5 4.5 4.5 4.5 3.0 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 2.0 0.5 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 3.0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.5 2.0 2.5 2.0 2.0 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 0.5 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 2.0 2.5 3.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0 4.0 4.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.5 3.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 0.5 0.5 1.5 1.5 2.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 2.0 2.5 2.5	4.0 4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 7.0 6.0 7.0	1.5 2.5 2.5 1.0 1.5 2.5 0.5 0.5 1.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 4.0 4.0 4.0 4.0
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	1.0 0.5 0.5 0.0 0.5	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR		3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.5 3.5 3.5 3.5	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.5 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0 7.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0 4.0 4.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1.000.500.500.500.500.500.500.5000.5000	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR	CCH 0.5 2.0 2.0 2.5 3.0 3.0 2.0 2.0 2.5	3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 1.5 1.5 2.0 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.5 2.5 0.0 0.5 1.5 2.5 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0 7.5 7.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.0 2.0 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 3.5 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1.000.500.500.500.500.500.5000.5000.500	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR	2.00 2.00 2.00 2.55 3.00 2.00 2.55 3.00	3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 3.5 3.5 3.5 3.5 3.5 4.0 3.5 3.5 3.5 3.5 3.5	APR 1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 0.5 0.0 0.5 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.0 2.5 2.0 2.5 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0 7.5 7.5 7.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 1.0 2.5 2.0 2.5 2.0 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 4.0 4.0 4.0 4.5 4.5 4.5 5.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1.000.500.500.500.500.500.500.5000.5000	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR	CCH 0.5 2.0 2.0 2.5 3.0 3.0 2.0 2.0 2.5	3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 0.5 1.5 2.5 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 1.5 1.5 2.0 1.5 1.5 2.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.5 2.5 0.0 0.5 1.5 2.5 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.0 3.0 2.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0 7.5 7.0	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 0.5 1.0 1.5 2.0 2.0 2.0 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 3.5 3.5 3.5 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.5 4.5 4.5
1 2 3 4 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1.000.500.500.500.500.500.5000.5000.500	FEBR	UARY 0.0 0.0 0.0 0.0 0.0 1.0 1.0		MAR	2.00 2.00 2.00 2.55 3.00 2.00 2.55 3.00	3.0 1.0 1.0 2.0 2.0 3.0 4.5 4.5 5.0 5.0 3.0 3.5 3.5 3.5 3.5 3.5 4.0 3.5 3.5 3.5 3.5 3.5	APR 1.0 0.0 0.0 0.0 0.5 1.5 1.5 2.0 0.5 0.5 0.0 0.5 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.5 1.0 1.5 1.5 1.0 1.5 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.5 0.5 0.5 0.5 1.0 1.5 2.0 2.5 3.0 3.0 3.5 2.5 0.0 0.5 1.5 1.5 2.0 2.5 2.0 2.5 2.0 2.5 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	4.0 4.0 4.0 5.0 4.5 4.5 4.5 5.5 6.0 6.0 5.5 5.5 5.5 5.5 7.0 7.0 6.0 7.0 6.0 7.5 7.5 7.5	1.5 2.5 2.5 1.5 1.0 1.5 2.5 0.5 1.0 2.5 2.0 2.5 2.0 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	2.5 3.0 3.0 2.5 3.0 3.0 3.0 3.0 1.5 1.5 2.5 3.5 4.0 4.0 4.0 4.0 4.0 4.5 4.5 4.5 5.0

PYRAMID AND WINNEMUCCA LAKES BASIN 10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUN	E		JULY			AUGUS'	Т		SEPTEN	1BER
1	8.5	3.0	5.5	11.0	7.0	8.5				10.0	7.0	8.5
2	9.0	3.5	6.0	11.0	7.0	9.0				10.0	8.0	9.0
3	9.0	4.0	6.5	11.5	7.5	9.5				9.5	8.5	9.0
4	9.5	4.5	6.5	11.0	6.0	8.5				9.5	8.0	9.0
5	9.5	5.0	7.0	11.5	6.0	9.0	11.0	8.0	9.5	10.5	8.0	9.0
6	10.0	5.0	7.5	11.5	6.0	9.0	10.5	7.5	9.0	10.0	7.5	8.5
7	10.5	5.5	8.0	11.0	6.0	8.5	10.5	7.5	9.0	9.5	7.5	9.0
8	11.0	5.5	8.0	11.5	6.5	9.0	10.5	7.0	8.5	9.0	7.5	8.5
9	10.5	6.0	8.0				10.5	7.0	8.5	8.5	6.5	7.5
10	10.5	5.5	8.0				11.0	7.5	9.0	8.5	5.5	7.0
11	10.0	5.0	7.5				11.0	8.0	9.5	9.0	6.0	7.5
12	10.0	5.0	7.5				10.5	7.5	9.0	9.5	7.0	8.0
13	10.0	5.5	8.0				10.5	7.5	9.0	9.0	7.0	8.0
14	10.5	5.0	8.0				11.0	7.5	9.5	9.5	6.5	8.0
15	10.5	5.5	8.0				11.0	8.5	10.0	9.5	7.5	8.5
16	11.5	7.0	9.0				11.0	8.5	10.0	8.5	7.5	8.0
17	11.0	7.5	9.5				11.5	8.0	9.5	8.0	5.5	7.0
18	10.5	7.5	9.0				11.5	8.5	10.0	8.0	5.0	6.5
19	10.5	6.5	8.5				11.5	9.0	10.0	8.5	6.0	7.0
20	10.0	6.0	8.0				11.0	8.5	10.0	8.5	6.0	7.0
21	9.5	5.0	7.5				10.5	9.5	10.0	9.0	6.0	7.5
22	9.0	5.0	7.0				11.0	9.5	10.0	9.0	6.5	7.5
23	7.5	5.0	6.5				10.5	8.0	9.5	9.0	6.5	8.0
24	9.0	5.0	7.0				10.5	8.0	9.5	9.0	7.0	8.0
25	10.0	6.0	8.0				10.5	8.0	9.5	9.0	7.0	8.0
26	11.0	6.5	8.5				11.0	9.0	10.0	9.0	6.5	8.0
27	11.5	7.0	9.0				10.5	8.5	9.5	9.0	6.5	7.5
28	12.0	7.5	9.5				10.5	8.5	9.5	9.0	7.0	8.0
29	11.5	8.0	9.5				9.5	7.0	8.5	9.0	7.0	8.0
3.0	11.0	6.0	8.5				10.5	7.5	9.0	9.0	7.0	8.0
31							9.5	8.0	8.5			
MONTH	12.0	3.0	7.8							10.5	5.0	8.0
YEAR	14.0	0.0	4.7									

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°54'13", long 119°58'04", in SE ¹/₄ NE ¹/₄ sec.10, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 200 ft upstream of Pioneer Trail Road, 0.6 mi upstream of confluence of Cold Creek, and 2.8 mi south of South Lake Tahoe. DRAINAGE AREA.--23.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,270 ft above sea level, from topographic map. Prior to May 1, 1992, at datum 0.12 ft higher. REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 525 ft³/s, January 2, 1997, gage height, 7.59 ft; minimum daily, 2.0 ft³/s, December 22, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft³/₂ s and maximum (*):

Discharge Gage height

Discharge Gage height

				Discharge C	Bage height				rge Gag	e height		
		Date May 31	Time 0130	(ft ³ / s) *126	(ft) *3.11		Date Tim No other peal	ne (ft ³ / ks greater thar	s) base discl	(ft) harge.		
		-	HARGE, CU	JBIC FEET PE	ER SECOND,	WATER Y	EAR OCTOBER 2	-		-		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	7.0	e8.5	e8.0	e8.8	e8.0	23	21	102	22	16	10
2	5.9	e7.1	e8.5	e8.0	e8.6	e8.1	20	22	103	21	e14	9.3
3	5.9	e7.6	e8.5	e8.0	e8.6	e8.1	21	22	104	20	e13	9.8
4	6.0	e7.8	e8.5	e7.5	e8.5	8.1	19	24	105	19	12	9.7
5	6.0	e7.4	e8.4	e7.0	e8.4	8.7	19	23	102	17	11	e9.2
6	5.9	e7.2	e8.4	e7.0	e8.2	9.6	18	24	96	15	10	9.0
7	5.9	7.1	e8.4	e6.9	e8.1	9.5	18	23	95	15	9.8	e8.8
8	5.9	27	e8.4	e6.9	e8.0	10	20	24	92	13	9.5	e8.5
9 10	6.1 5.8	22 11	e8.4 8.4	e6.9 e6.8	e7.9 e7.8	11 11	22 22	23 23	89 81	10 9.1	9.2 8.9	e8.2 7.9
10	5.0	11	0.4	60.0	67.0	11	22	23	01	5.1	0.5	7.5
11	5.6	11	e8.3	e6.8	e7.7	12	22	24	75	8.5	10	9.2
12	5.7	10	e8.3	e7.0	e7.6	14	23	26	69	e8.6	e10	8.4
13	5.9	11	e8.3	6.7	7.6	16	18	30	64	e8.8	e10	8.7
14 15	5.9 5.9	10 9.7	e8.2 e8.2	e6.7 e6.7	e7.6 7.6	18 23	25 22	33 35	60 56	e9.0 e9.2	e10 e10	9.1 8.6
15	5.5	9.7	60.2	66.7	7.0	23	22	33	56	e3.2	610	0.0
16	5.9	9.4	e8.2	e6.6	e7.7	19	20	3 7	53	e9.4	e10	8.5
17	5.9	9.1	e8.2	e6.6	e7.7	16	20	3 8	51	e9.6	e11	7.5
18	5.9	9.0	e8.1	e6.6	e7.8	15	20	3 9	48	e9.6	e11	7.6
19	5.9	9.0	e8.1	e6.6	e7.8	17	20	4 0	45	e9.8	e12	7.5
20	6.0	8.9	e8.1	e6.6	e7.8	15	21	42	42	e9.8	12	7.5
21	6.1	9.2	e8.0	6.5	e7.8	15	21	47	39	10	13	7.4
22	6.2	9.2	e8.0	6.7	e7.9	16	20	56	37	10	16	7.3
23	6.3	9.5	e8.0	9.2	e7.9	22	20	67	35	12	10	7.3
24	6.3	9.1	e8.0	11	7.9	21	23	76	35	11	11	7.2
25	6.5	8.6	e8.0	8.9	7.9	19	22	81	31	8.5	12	7.1
26	6.5	e8.6	e8.0	8.6	e8.0	29	22	72	29	8.2	15	7.2
27	6.7	e8.6	e8.0	9.6	e8.0	25	22	8 0	27	8.8	16	7.3
28	6.7	e8.6	e8.0	11	e8.0	21	22	94	26	10	15	7.4
29	6.7	e8.6	e8.0	9.4		20	21	101	24	10	13	7.5
30	6.7	e8.6	e8.0	8.9		21	21	111	23	15	9.7	7.8
31	6.6		e8.0	e8.9		23		110		19	11	
TOTAL	189.0	296.9	254.4	238.6	223.2	489.1	627	1468	1838	375.9	361.1	246.5
MEAN	6.10	9.90	8.21	7.70	7.97	15.8	20.9	47.4	61.3	12.1	11.6	8.22
MAX	6.7	27	8.5	11	8.8	29	25	111	105	22	16	10
MIN	5.6	7.0	8.0	6.5	7.6	8.0	18	21	23	8.2	8.9	7.1
AC-FT	375	589	505	473	443	970	1240	2910	3650	746	716	489
STATIS	TICS OF M	ONTHLY MEA	AN DATA I	FOR WATER Y	EARS 1990	- 2003	, BY WATER Y	EAR (WY)				
MEAN	8.89	10.0	11.5	17.0	14.5	20.3	29.3	54.5	59.2	30.7	12.8	9.16
MAX	15.4	18.7	34.2	87.8	38.2	42.0	54.9	107	158	142	35.8	19.0
(WY)	1999	1997	1997	1997	1997	1997	1996	1996	1995	1995	1995	1995
MIN	4.49	5.03	4.05	4.70	5.49	7.85	12.2	14.2	7.66	5.64	4.11	4.08
(WY)	1991	1991	1991	1991	1993	1992	1991	1992	1992	2001	2001	1992
SUMMAR	Y STATIST	ICS	FOR	2002 CALEN	NDAR YEAR		FOR 2003 WAT	TER YEAR		WATER YEAR	RS 1990 -	2003
ANNUAL	TOTAL			4844.1			6607.7					
ANNUAL	MEAN			13.3			18.1			23.7		
	T ANNUAL									46.9	-	1995
	ANNUAL M				_		_					
	T DAILY M			46	Jun 1			May 30			Jan 2	
	DAILY ME.				Sep 24			Oct 11			Dec 22	
		Y MINIMUM		5.3	Sep 21			Oct 10			Dec 21	
	M PEAK FL							May 31		525	Jan 2 Jan 2	
	M PEAK ST. RUNOFF (.			9610			13110	May 31		17160	o udii 2	1997
	CENT EXCE			28			37			56		
	CENT EXCE			9.2			9.4			13		
	CENT EXCE			5.8			6.7			5.3		
				- · -						- · · -		

e Estimated

Ammonia Ammonia

PYRAMID AND WINNEMUCCA LAKES BASIN

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 1997 to current year.

INSTRUMENTATION.--Water temperature recorder since September 1997, two times per hour.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature records represent water temperature at probe within 0.5°C. Interruptions in water temperature record due to instrument malfunction. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey, Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 22.0°C, July 2, 2001; minimum, freezing point on many days.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.0°C, July 21, 22, 29, 30; minimum, freezing point, many days October to April.

Date	Time	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
OCT 2001													
02	1520	4.7					63	23.0	14.2			.22	< .003
17	1120	4.5					62	19.5	6.0				
NOV													
07	1040	5.5					61	9.5	2.6			.17	< .003
DEC													
11	0945	16	597			7.4	59	-1.5	. 3		.13	.20	.004
JAN 2002									_			0.5	
09	0945	9.9					58	. 0	. 6	1.42	.23	.25	.007
FEB	1140	15					60	8.0	.1	.89	.19	.06	.003
06 20	1600	12					52	5.5	. 3	1.23	.25	.26	< . 003
MAR	1600	12					52	5.5	. 3	1.23	.25	.26	< . 003
05	1510	9.7	596	10.1	100	7.0	43	7.0	4.4	2.31	.20	.29	.004
27	1410	11					60	11.5	6.5	3.04		.22	.003
APR	1110						00	11.5	0.5	3.04			.003
03	1250	20					50	17.0	7.0	2.39	.12	.33	.003
13	1400	25					40	18.0	7.4	1.33	.18	.29	< .003
25	1600	24					40	15.5	8.8	1.04	.24	.39	.003
MAY													
08	1430	28					38	14.0	7.9	.63	.21	.35	< .003
14	1320	29					31	16.0	8.8	.50	.19	.21	< .003
24	1310	29					29	17.0	8.4	. 4 4	.12	.19	< .003
29	1350	33					3 0	24.5	11.8	.35	.17	.24	< .003
30	1540	35					28	22.5	12.7	.33	.13	.20	< .003
JUN													
05	1305	37	607	8.7	103	7.4	26	24.0	12.4	.28	.24	.14	.004
JUL													
02	1600	15					41	25.0	19.1	.36	.21	.11	< .003
AUG										_			
16	1515	6.4	608	8.1	107	7.1	52	27.5	17.5	.50	.07	.07	< .003
SEP	1510	F 0						0.2.0	11 0	- 1		0.4	0.00
11	1510	5.8					57	23.0	11.9	.51		< .04	< .003

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

	¹ Nitrite + nitrate water	Ortho- phos- phate, water.		Phos-	Iron (bio reac- tive),	Sus- pended sedi- ment	Sus- pended sedi-	Iron (bio reac- tive),
Date	fltrd,	fltrd,	water,	water, unfltrd mg/L	water, unfltrd	concen- tration	ment	water, fltrd
	(00631)	(00671)	(00666)	(00665)	(46568)	(80154)	(80155)	(63673)
OCT 2001								
02	.002	.009		.020	161	1	.01	
17								
NOV								
07	.003	.006		.012	167	3	.04	
DEC								
11	.003	.006	.015	.014	189	2	.09	100
JAN 2002								
09	.007	.008	.018	.025	234	2	.05	160
FEB								
06	.011	.006	.011	.013	89	1	.04	160
20	.003	.010	.019	.031	84	11	.36	130
MAR								
05	.011	.009		.024	293	2	.05	190
27	.010	.009	.017	.021		3	.09	210
APR								
03	.023	.009	.019	.029	404	8	.43	250
13	.015	.008	.013	.032	789	14	.95	180
25	.008	.006	.016	.023	349	6	.39	140
MAY								
08	.005	.006	.012	.023	297	4	.30	99
14	.005	.006	.012	.020	310	6	.47	84
24	.003	.005	.012	.021		3	.23	71
29	.004	.006	.013	.025	317	10	.89	65
30	.005	.006	.013	.028	608	8	.76	62
JUN								
05	.003	.007	.012	.028	307	12	1.2	58
JUL								
02	.004	.009	.015	.025	173	3	.12	92
AUG								
16	.003	.011	.017	.021	172	1	.02	110
SEP								
11	.003	.009	.016	.015	147	1	.02	

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

											Ammonia	Ammonia	
					Dis-	pН,	Specif.				+	+	
		Instan-	Baro-		solved	water,	conduc-			Chlor-	org-N,	org-N,	Ammonia
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	ide,	water,	water,	water,
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	water,	fltrd,	unfltrd	fltrd,
Date	Time	charge,	sure,	oxygen,	of sat-	std	uS/cm	air,	water,	fltrd,	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC	deg C	deg C	mg/L	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00940)	(00623)	(00625)	(00608)
OCT 2002													
10	1445	6.0					59	17.5	8.6	.52	.06	.13	< .003
NOV													
06	1440	E7.2					55	14.5	1.9	.45	.04	.07	.004
08	1655	35					5.0	4.5	3.0	2.41	.71	1.1	.006
DEC													
05	1420	E8.4	604	11.0	97	7.7	55	7.5	. 8	.54	.07	.14	< .003
JAN 2003													
10	1240	E6.8					56	3.0	. 1	1.05	.07	.11	< .003
FEB													
03	1445	E8.6					56	6.0	. 7	1.73	.14	.23	< .003
MAR													
06	1530	9.2	601	10.3	100	7.2	59	7.5	3.9	1.66	.08	.10	< .003
27	1350	24					51	7.0	5.0	2.00	.25	.25	< .003
APR													
03	1245	29					49	5	1.4	1.29	.16	.31	< .003
09	1200	21					51	13.0	4.5	1.87	.14	.20	< .003
MAY													
06	1140	24					53	8.0	4.3	2.01	.16	.18	< .003
13	1900	29					49	16.5	9.3		.19	.20	< .003
16	1100	35					41	18.5	4.7		.05	.38	< .003
21	1300	44					3 7	19.0	7.5		.10	.26	< .003
23	1700	60					3 0	21.0	7.5		.11	.53	.003
28	1915	95					24	20.5	9.5		.13	.34	.004
30	1445	100					23	21.5	8.5		.19	.24	< .003
JUN													
07	1045	93	605	9.2	98	6.7	22	22.0	7.9		.15	.18	< .003
JUL													
09	1340	11					46	25.5	14.7		.06	.08	.005
AUG													
08	1240	10					51	21.5	13.2		.06	.11	.004
SEP													
03	1320	9.9	608	8.8	102	7.3	54	22.0	11.8		.06	.08	.003

PYRAMID AND WINNEMUCCA LAKES BASIN 10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ammonia water, unfltrd mg/L as N (00610)	1Nitrite + nitrate water fltrd, mg/L as N (00631)	1Nitrite + nitrate water unfltrd mg/L as N (00630)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Ortho- phos- phate, water, unfltrd mg/L as P (70507)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Iron (bio reac- tive), water, unfltrd ug/L (46568)	Iron (bio reac- tive), water, fltrd, ug/L (63673)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
	(00810)	(00631)	(00030)	(00071)	(70307)	(00666)	(00665)	(40300)	(63673)	(00134)	(80133)
OCT 2002											
10	< .003	.003		.008	.01	.018	.021	128		1	.02
NOV											
06	.009	.003	.003	.008	.01	.016	.026	254	76	4	E.08
08		.020	.037	.014	.03	.053	.200	4550	209		
DEC											
05	< .003	.003	.003	.007	.01	.013	.035	525	102	17	E.39
JAN 2003											
10	.004	.008	.011	.007	.01	.011	.018	224	117	2	E.04
FEB											
03	.004	.008	.014	.008	.01	.014	.024	393	161	7	E.16
MAR											
06	< .003	.007	.009	.008	.01	.015	.018	202	152	2	.05
27	.008	.026	.028	.006	.01	.017	.026	134	108	5	.32
APR											
03	.015	.014	.024	.007	.02	.015	.040	644	165	16	1.2
09	.007	.010	.018	.005	.01	.012	.023	546	167	8	.45
MAY											
06	< .003	.008	.014	.006	.01	.013	.020	338	187	1	.06
13	.004	.006	.006	.007	.01	.013	.026	353	138	5	.39
16	.004	.014	.022	.006	.01	.013	.033	444	130	9	.85
21	.009	.013	.021	.006	.01	.013	.041	485	123	9	1.1
23	.012	.012	.021	.008	.02	.023	.056	726	96	21	3.4
28	.013	.008	.022	.008	.02	.021	.069	1120	71	41	11
30	.007	.008	.018	.007	.02	.016	.051	777	75	3 0	8.1
JUN											
07	.008	.004	.010	.006	.01	.013	.027	402	61	13	3.3
JUL											
09	.004	.005	.006	.009	.01	.017	.024	186	93	2	.06
AUG											
08	.004	.006	.005	.010	.01	.015	.023	283	152	2	.05
SEP											
03	.006	.002	.006	.012	.01	.017	.024	311	145	6	.16

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

PYRAMID AND WINNEMUCCA LAKES BASIN 10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				WAIER 1EA	AR OCIOB	ER 2002 1	O SEPIEMBE	SR 2003				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NO	OVEMBER		DE	ECEMBER			JANUARY	
1				2.0	0.0	0.5	1.0	0.0	0.5	0.0	0.0	0.0
2				2.0	0.0	0.5	1.0	0.0	0.5	0.0	0.0	0.0
3				1.5	0.0	0.5	1.0	0.0	0.5	0.0	0.0	0.0
4 5				1.5	0.0	0.5	1.0	0.0	0.5 0.5	0.5 0.5	0.0	0.0
5				2.0	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.0
6				1.5	0.0	0.5	1.0	0.0	0.5	0.5	0.0	0.0
7				3.5	1.0	2.0	1.0	0.0	0.5	0.5	0.0	0.0
8				3.5	2.5	3.0	0.5	0.0	0.0	0.5	0.0	0.0
9 10				3.0 0.5	0.0	2.0	0.5	0.0	0.5	0.0	0.0	0.0
10				0.5	0.0	0.5	1.5	0.0	0.5	0.0	0.0	0.0
11	8.5	5.0	7.0	1.5	0.0	0.5	1.0	0.0	0.5	0.0	0.0	0.0
12	6.5	3.0	5.0	3.0	0.0	1.5	1.0	0.0	0.5	0.5	0.0	0.5
13	7.0	2.5	5.0	4.5	2.0	3.0	1.0	0.0	0.5	1.0	0.5	1.0
14 15	7.5 7.0	3.5	5.5	3.0 1.5	1.0	2.0	1.5	0.0	1.0	1.0	0.0	0.5
15	7.0	3.0	5.5	1.5	0.0	1.0	0.0	0.0	0.0	0.5	0.0	0.5
16	6.5	3.0	5.0	2.5	0.0	1.5	0.0	0.0	0.0	0.5	0.0	0.0
17	6.5	2.5	5.0	3.0	1.0	2.0	0.0	0.0	0.0	0.5	0.0	0.5
18	6.0	2.5	4.5	1.5	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.5
19 20	6.0 6.0	2.0	4.5	2.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.5
20	6.0	2.0	4.5	2.5	0.5	1.5	0.0	0.0	0.0	1.0	0.0	0.5
21	5.0	2.0	4.0	3.0	0.5	2.0	0.0	0.0	0.0	1.5	0.5	1.0
22	5.0	1.5	3.5	3.5	1.5	2.5	0.0	0.0	0.0	3.0	1.0	2.0
23	5.0	2.0	3.5	4.0	2.0	3.0	0.0	0.0	0.0	2.5	0.5	2.0
24	4.5	1.0	3.0	2.5	0.5	2.0	0.0	0.0	0.0	2.5	0.5	1.5
25	5.5	2.5	4.0	2.0	0.5	1.0	0.0	0.0	0.0	3.0	1.5	2.0
26	4.5	1.5	3.5	1.0	0.0	0.5	0.0	0.0	0.0	3.0	1.0	2.0
27	4.5	1.5	3.5	1.0	0.0	0.5	0.0	0.0	0.0	3.0	2.0	2.5
28	4.0	1.5	3.0	1.0	0.0	0.5	0.0	0.0	0.0	2.5	1.0	1.5
29 30	3.0	1.0	2.0	0.5	0.0	0.0	0.0	0.0	0.0	2.5	0.5	1.5
31	3.5 2.5	1.0	1.5	0.5		0.0	0.0	0.0	0.0	3.0	1.0	2.0
MONTH				4.5	0.0	1.2	1.5	0.0	0.2	3.0	0.0	0.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
-	2.0	1 0	0 0	2 2	0 0	1 0	4 5	1 5	2 5		0 0	4 0
1 2	3.0 1.5	1.0	2.0 1.0	2.0	0.0	1.0	4.5 1.5	1.5	3.5 1.0	6.0 5.0	2.0	4.0
3	1.0	0.0	0.5	1.5	0.0	1.0	1.5	0.0	0.5	7.0	2.5	4.5
4	1.0	0.0	0.5	2.5	0.5	1.5	1.0	0.0	0.5	7.5	2.0	4.0
5	0.5	0.0	0.0	3.5	0.0	1.5	4.0	0.0	1.5	8.5	2.0	5.0
6	0.5	0.0	0.0	4.0	0.0	2.0	3.0	0.5	1.5	6.5	2.0	4.5
7	0.5	0.0	0.0	4.5	0.0	2.0	6.5	0.5	3.0	6.5	3.5	5.0
8	0.5	0.0	0.0	4.0	0.0	2.0	7.5	1.0	4.0	4.5	1.0	3.0
9	0.5	0.0	0.5	4.5	0.0	2.5	8.0	2.0	4.5	4.0	0.5	2.0
10	1.0	0.0	0.5	4.0	1.0	2.5	7.0	2.0	4.5	8.0	2.0	4.5
11	1.0	0.0	0.5	5.0	0.5	2.5	9.0	3.0	5.5	9.5	2.0	5.5
12	1.0	0.0	0.5	5.5	1.0	3.0	5.5	1.0	4.0	10.5	3.0	6.5
13	1.0	0.5	0.5	6.0	1.0	3.0	1.0	0.0	0.0	10.0	3.5	6.5
14	2.0	0.0	0.5	6.0	1.5	3.5	0.5	0.0	0.0	8.5	4.0	6.0
15	2.0	0.0	1.0	3.5	1.0	2.0	2.0	0.0	1.0	9.5	3.5	6.5
16	1.0	0.0	0.5	3.0	0.0	1.5	2.5	0.5	1.5	9.0	3.0	6.0
17	1.0	0.0	0.5	3.5	0.5	2.0	5.0	1.0	2.5	9.5	3.0	6.0
18	1.0	0.0	0.5	4.5	0.0	2.0	5.5	1.5	3.0	9.0	2.5	5.5
19	1.0	0.0	0.5	3.5	0.0	1.5	7.5	1.0	3.5	9.0	3.0	6.0
20	3.0	0.5	1.5	5.5	1.0	2.5	5.5	1.0	3.0	10.0	3.5	6.5
21	1.5	0.0	0.5	6.0	1.0	3.0	4.0	1.5	2.5	10.0	3.5	7.0
22	2.0	0.0	1.0	5.5	1.5	3.5	3.5	0.5	2.0	10.0	3.5	6.5
23	1.5	0.0	1.0	4.5	2.5	3.5	7.5	1.0	4.0	8.0	4.0	6.0
24	2.5	0.5	1.5	6.5	2.0	4.0	5.0	2.0	3.5	9.5	4.0	6.5
25	3.0	1.0	2.0	6.0	1.5	3.5	6.5	1.0	3.0	8.0	4.0	6.0
			1.0	5.5	3.0	4.0	6.5	0.5	3.0	9.5	3.5	6.5
26	2.0	0.0	1.0	٥.٥								
27	1.5	0.0	1.0	6.0	1.5	3.0	6.5	2.0	4.0	10.0	4.0	7.0
27 28	1.5 1.5	0.0	1.0	6.0 5.5	1.0	3.0	6.5 7.0	1.5	4.0	10.0	4.5	7.0
27 28 29	1.5	0.0	1.0 0.5	6.0 5.5 6.5	1.0	3.0 3.5	6.5 7.0 6.0	1.5 1.5	4.0	10.0	4.5 4.5	7.0 7.0
27 28 29 30	1.5 1.5 	0.0 0.0 	1.0 0.5 	6.0 5.5 6.5 7.5	1.0 1.0 1.5	3.0 3.5 4.5	6.5 7.0 6.0 7.0	1.5 1.5 1.0	4.0 3.5 4.0	10.0 10.0 9.5	4.5 4.5 5.0	7.0 7.0 7.0
27 28 29	1.5	0.0	1.0 0.5 	6.0 5.5 6.5 7.5 8.0	1.0 1.0 1.5 2.5	3.0 3.5 4.5 5.0	6.5 7.0 6.0	1.5 1.5 1.0	4.0 3.5 4.0	10.0	4.5 4.5	7.0 7.0 7.0 6.5
27 28 29 30	1.5 1.5 	0.0 0.0 	1.0 0.5 	6.0 5.5 6.5 7.5	1.0 1.0 1.5	3.0 3.5 4.5	6.5 7.0 6.0 7.0	1.5 1.5 1.0	4.0 3.5 4.0	10.0 10.0 9.5	4.5 4.5 5.0	7.0 7.0 7.0

PYRAMID AND WINNEMUCCA LAKES BASIN 10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	lR
1	10.0	4.0	7.0	14.5	8.0	11.0	15.0	12.5	14.0	16.0	8.0	11.5
2	10.0	5.0	7.5	15.0	7.5	11.0	13.5	12.0	13.0	16.0	9.0	12.5
3	10.5	5.5	8.0	15.5	8.5	11.5	16.0	10.5	13.0	13.0	10.0	11.5
4	10.5	6.0	8.5	15.0	8.0	11.0	18.0	11.0	14.0	14.0	9.5	11.5
5	10.5	6.0	8.5	15.0	8.0	11.0	17.5	10.0	13.5	16.0	9.5	12.0
6	10.5	6.0	8.5	15.0	8.0	11.5	16.5	9.5	12.5	16.0	8.5	12.0
7	11.5	7.0	9.5	15.0	8.0	11.0	16.5	9.0	12.5	15.0	9.0	11.5
8	11.5	7.0	9.5	15.5	8.0	11.5	16.5	8.5	12.5	14.5	9.5	11.5
9	11.5	7.5	9.5	16.5	9.0	12.5	16.5	8.0	12.0	13.5	8.5	10.5
10	11.0	6.5	9.0	17.0	9.5	13.0	17.0	8.5	12.5	13.0	6.5	9.5
11	11.0	6.5	9.0	17.0	9.5	13.0	17.5	9.5	13.0	14.0	6.5	10.0
12	10.5	6.0	8.5	17.0	9.5	13.0	17.5	9.0	13.0	14.5	7.5	11.0
13	11.0	7.0	9.0	17.5	9.5	13.0	16.0	9.0	12.5	14.0	8.0	11.0
14	11.0	6.5	9.0	17.0	9.0	12.5	17.5	9.0	13.0	14.0	7.0	10.0
15	11.5	7.0	9.5	17.5	9.5	13.0	18.0	10.5	14.0	14.0	7.5	10.5
16	13.0	8.0	10.5	18.0	10.0	14.0	18.0	10.5	14.0	14.0	8.0	11.0
17	12.5	9.5	11.0	18.5	11.0	14.5	18.0	10.0	14.0	12.5	6.0	9.0
18	12.5	9.5	11.0	16.5	11.5	14.0	18.0	10.5	14.0	12.0	5.0	8.5
19	12.5	8.0	10.0	19.5	12.5	15.5	18.0	11.0	14.5	12.5	5.5	9.0
20	12.0	7.5	9.5	18.5	13.0	15.5	17.0	11.0	14.0	13.0	6.0	9.0
21	11.5	6.5	9.0	20.0	12.5	16.0	15.5	13.0	14.0	13.0	6.0	9.5
22	11.5	6.0	8.5	20.0	12.5	15.5	16.5	11.5	13.5	13.0	6.0	9.5
23	8.5	6.0	7.5	17.0	13.5	15.0	17.0	10.5	13.5	13.5	6.5	10.0
24	11.0	5.5	8.0	18.0	12.5	15.0	17.0	10.5	13.5	14.0	7.0	10.0
25	12.5	6.0	9.0	18.0	12.5	15.0	17.0	9.5	13.0	13.5	6.5	10.0
26	13.5	7.0	10.0	18.0	12.0	14.5	16.0	11.5	14.0	13.0	6.0	9.5
27	14.5	8.5	11.0	16.5	12.5	14.5	17.0	10.5	13.5	12.5	5.5	9.0
28	15.5	9.0	12.0	17.5	11.5	14.5	16.5	10.5	13.5	13.0	6.5	9.5
29	15.5	9.5	12.0	20.0	12.5	15.5	16.0	9.5	13.0	12.5	6.5	10.0
3 0	14.5	8.0	11.0	20.0	13.5	16.5	16.5	8.5	12.0	13.0	6.5	10.0
31				18.0	14.5	16.0	12.5	9.5	11.0			
MONTH	15.5	4.0	9.3	20.0	7.5	13.6	18.0	8.0	13.2	16.0	5.0	10.3

10336778 COLD CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°54'32", long 119°57'44", in NE $^{1}/_{4}$ NW $^{1}/_{4}$ sec.11, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 5 ft upstream Pioneer Trail Road, about 2.5 mi south of South Lake Tahoe.

DRAINAGE AREA.--12.4 mi². Drainage Area does not include a portion of the basin that is diverted urban runoff that no longer enters Cold Creek.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- June 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,277.94 ft above NGVD of 1929, by GPS survey.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43 ft³/s, May 31, 2003, gage height, 2.06 ft; minimum daily, 2.8 ft³/s, August 18, 2001.

EXTREMES FOR CURRENT PERIOD.--June to September 2001: Maximum discharge during period, 37 ft³/s, August 16, gage height, 1.95 ft; minimum daily, 2.8 ft³/s, August 18.

Water year 2002: Maximum discharge, 33 ft³/s, April 14, gage height, 2.05 ft; minimum daily, 2.9 ft³/s, October 11, 14.

Water year 2003: Maximum discharge, 43 ft³/s, May 31, gage height, 2.06 ft; minimum daily, 3.2 ft³/s, several days in January.

		DISC	HARGE, CUBI	C FEET I		WATER LY MEAN	YEAR OCTOBER VALUES	2000 TO	SEPTEMBER	2001		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										4.2	3.2	e4.2
2										4.2	3.2	e4.2
3										4.1	3.2	e4.2
4										4.2	3.2	e4.2
5										4.3	3.2	e4.2
6										4.1	3.2	e4.2
7										4.3	3.2	e4.2
8										4.2	3.3	e4.2
9										4.2	3.4	e4.2
10										4.3	3.3	4.2
11										4.2	3.2	4.2
12										3.9	3.2	4.2
13										3.7	3.1	4.1
14										3.7	3.1	4.0
15										3.7	3.1	4.0
16										3.6	e3.0	4.1
17										3.6	e2.9	4.2
18										3.6	2.8	4.2
19										3.4	2.9	4.2
20										3.3	3.0	4.1
21										3.2	3.0	4.1
22										3.2	3.1	4.0
23										3.2	e3.2	4.0
24										3.2	e3.4	4.0
25										3.1	e3.5	4.7
26									4.6	3.1	e3.6	4.1
27									4.6	3.1	e3.8	4.0
28									4.4	3.0	e3.9	4.0
29									4.3	3.0	e4.1	3.9
30									4.2	3.2	e4.2	3.8
31										3.3	e4.2	
TOTAL										113.4	102.7	123.9
MEAN										3.66	3.31	4.13
MAX										4.3	4.2	4.7
MIN										3.0	2.8	3.8
AC-FT										225	204	246

e Estimated

10336778 COLD CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 DAILY MEAN VALUES

					DAI	יא אושמויו זכו.	апово					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	4.7	e5.2	e5.8	e4.3	e5.2	7.9	6.7	e20	9.6	6.4	5.0
2	3.7	4.7	e5.3	e6.0	e4.3	e5.4	8.7	6.5	e19	9.4	6.4	5.0
3	3.7	4.9	e5.4	e6.2	e4.3	e5.4	9.4	7.6	e18	9.2	6.4	4.9
4	3.6	4.9	e5.5	e6.6	e4.3	e5.6	10	8.1	e17	9.1	6.2	4.9
5	3.5	4.6	e5.5	e7.2	e4.3	e5.8	10	8.2	e16	9.0	6.1	4.9
6	3.5	4.6	e5.6	e8.2	e4.2	5.6	10	9.1	e16	8.9	6.1	5.0
7	3.5	4.5	e5.6	e7.0	e4.2	4.8	9.9	9.4	e15	8.8	6.1	5.1
8	3.5	4.6	e5.6	e6.6	e4.2	e4.8	9.8	9.0	e14	8.6	6.0	5.1
9	3.4	4.6	e5.6	e6.0	e4.2	e4.8	9.8	8.7	e14	8.4	5.9	5.0
10	3.2	4.7	e5.6	e5.6	e4.2	4.8	9.6	8.3	e13	8.2	5.8	5.0
11	2.9	4.9	e5.6	e5.4	e4.2	4.7	11	8.3	e12	8.1	5.7	4.9
12	3.0	5.0	e5.6	e5.4	e4.2	5.0	11	9.0	12	8.4	5.7	4.9
13	3.0	5.1	e5.6	e5.2	e4.2	4.8	11	9.7	12	8.4	5.6	4.9
14	2.9	5.2	e5.6	e5.2	e4.3	4.8	17	11	12	8.1	5.5	4.9
15	3.4	5.3	e5.6	e5.2	e4.3	e4.8	14	e9.8	12	8.0	5.5	4.8
16	3.7	5.2	e5.6	e5.0	e4.5	e4.8	9.1	e9.4	12	7.8	5.5	4.8
17	3.8	5.1	e5.6	e5.0	e4.6	4.7	8.1	e17	12	7.8	5.4	4.8
18	3.8	5.0	e5.6	e4.9	e4.8	e4.9	7.3	e16	12	8.5	5.4	4.8
19	3.9	5.1	e5.6	e4.8	e5.0	4.9	6.9	e15	12	8.1	5.3	4.8
20	3.8	5.2	e5.6	e4.7	e4.9	5.0	6.9	e14	12	7.7	5.3	4.7
21	3.8	5.9	e5.6	e4.7	e4.8	5.3	7.7	e12	12	7.6	5.4	4.7
22	3.9	9.0	e5.6	e4.6	e4.8	5.6	8.5	e12	12	7.4	5.4	4.7
23	4.0	6.2	e5.6	e4.6	e4.9	5.6	9.2	e13	11	7.2	5.4	4.6
24	3.9	e12	e5.6	e4.5	e4.9	5.3	10	e14	11	7.0	5.3	4.6
25	4.1	e6.3	e5.6	e4.5	e5.0	5.3	11	e15	11	6.9	5.2	4.6
26	4.2	e6.0	e5.8	e4.4	e5.0	5.3	11	e16	11	6.9	5.2	4.6
27	4.4	e5.8	e5.8	e4.4	e5.0	5.4	9.8	e17	11	6.9	5.2	4.6
28	4.3	e5.5	e5.8	e4.4	e5.2	5.4	8.7	e18	10	6.7	5.1	4.6
29	4.3	e5.2	e5.8	e4.4		5.9	9.0	e20	10	6.6	5.1	4.7
30	5.0	e5.2	e5.8	e4.4		6.9	8.6	e22	9.8	6.6	5.1	4.7
31	5.1		e5.8	e4.4		7.5		e21		6.5	5.1	
TOTAL	116.5	165.0	173.7	165.3	127.1	164.1	290.9	380.8	390.8	246.4	173.8	144.6
MEAN	3.76	5.50	5.60	5.33	4.54	5.29	9.70	12.3	13.0	7.95	5.61	4.82
MAX	5.1	12	5.8	8.2	5.2	7.5	17	22	20	9.6	6.4	5.1
MIN	2.9	4.5	5.2	4.4	4.2	4.7	6.9	6.5	9.8	6.5	5.1	4.6
AC-FT	231	327	345	328	252	325	577	755	775	489	345	287

WTR YR 2002 TOTAL 2539.0 MEAN 6.96 MAX 22 MIN 2.9 AC-FT 5040

e Estimated

10336778 COLD CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

					DAI	LY MEAN V	ALUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	e3.4	e4.3	e3.3	e6.4	4.8	8.2	6.8	35	16	11	6.9
2	4.9	e3.4	e4.2	e3.3	e6.4	4.8	6.9	7.1	35	16	12	6.7
3	4.9	e3.4	e4.2	e3.3	e6.2	4.8	6.8	7.4	35	15	11	6.8
4	5.0	e4.0	e4.1	e3.3	e6.2	4.7	6.6	7.7	36	15	11	7.8
5	4.9	e5.0	e4.1	e3.3	e6.2	4.7	6.4	7.7	37	15	9.9	7.1
6	4.8	e7.0	e4.1	e3.2	e6.0	4.8	6.2	8.1	36	15	9.6	6.4
7	4.7	e14	e4.0	e3.2	e5.8	4.8	6.3	7.9	36	14	9.4	6.2
8	4.7	e11	e4.0	e3.2	e5.8	4.9	7.0	7.8	36	14	9.2	6.3
9	4.7	e10	e4.0	e3.2	e5.6	5.0	7.4	7.3	37	14	8.9	6.2
10	4.6	e8.0	e4.0	e3.2	e5.6	5.1	7.6	7.5	36	13	8.7	6.3
11	4.6	e7.4	e4.0	e3.2	e5.4	5.3	7.9	8.3	34	13	8.5	6.1
12	4.7	e6.8	e3.9	e3.2	e5.4	5.6	8.0	10	32	13	8.4	6.0
13	4.7	e6.2	e3.9	e3.2	e5.4	6.1	e7.6	12	29	13	8.2	5.9
14	4.7	e6.0	e3.8	e3.2	e5.2	6.3	7.3	13	27	13	8.2	5.8
15	e4.7	e5.8	e3.8	e3.2	e5.2	6.9	7.0	13	26	12	8.1	5.7
16	e4.8	e5.6	e3.8	e3.2	e5.2	5.9	6.7	14	25	12	7.9	5.5
17	e4.9	e5.4	e3.7	e3.3	e5.0	5.6	6.8	14	25	12	7.9	5.7
18	e4.9	e5.4	e3.7	e3.3	e5.0	5.4	6.6	15	24	12	7.7	5.7
19	e4.8	e5.2	e3.7	e3.4	e5.0	5.4	6.7	15	24	12	7.6	5.6
20	e4.8	e5.2	e3.6	e3.5	e4.9	5.4	7.0	16	23	12	7.5	5.5
21	e4.7	e5.0	e3.6	e3.6	e4.8	5.5	6.9	18	22	11	11	5.4
22	e4.6	e5.0	e3.6	e3.8	e4.8	5.9	6.4	21	21	11	9.8	5.4
23	e4.5	e4.8	e3.6	e4.0	e4.8	6.9	6.7	22	21	12	8.3	5.3
24	e4.4	e4.7	e3.5	e4.3	e4.8	6.6	7.2	23	20	11	7.6	5.3
25	e4.4	e4.7	e3.5	e4.6	e4.8	6.5	7.0	23	19	11	7.3	5.3
26	e4.5	e4.6	e3.5	e5.0	e4.8	9.0	7.1	22	18	11	7.8	5.5
27	e4.5	e4.6	e3.4	e5.6	4.8	7.9	7.1	24	17	11	7.3	5.4
28	e4.3	e4.5	e3.4	e6.0	4.8	6.9	7.1	27	17	11	7.1	5.4
29	e4.0	e4.4	e3.4	e6.2		6.8	6.8	3 0	17	10	6.9	5.3
30	e3.8	e4.3	e3.4	e6.4		7.5	6.7	36	16	10	6.8	5.3
31	e3.6		e3.4	e6.4		8.3		39		11	7.0	
TOTAL	142.9	174.8	117.2	121.1	150.3	184.1	210.0	490.6	816	391	267.6	177.8
MEAN	4.61	5.83	3.78	3.91	5.37	5.94	7.00	15.8	27.2	12.6	8.63	5.93
MAX	5.0	14	4.3	6.4	6.4	9.0	8.2	39	37	16	12	7.8
MIN	3.6	3.4	3.4	3.2	4.8	4.7	6.2	6.8	16	10	6.8	5.3
AC-FT	283	347	232	240	298	365	417	973	1620	776	531	353

CAL YR 2002 TOTAL 2518.7 MEAN 6.90 MAX 22 MIN 3.4 AC-FT 5000 WTR YR 2003 TOTAL 3243.4 MEAN 8.89 MAX 39 MIN 3.2 AC-FT 6430

e Estimated

10336779 COLD CREEK AT MOUTH, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°54'44", long 119°58'06", in SE ¹/₄ SE¹/₄ sec.03, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 600 ft upstream of mouth, about 0.5 mi downstream from Pioneer Trail Road, and 1.7 mi south of South Lake Tahoe, CA.

DRAINAGE AREA.--12.8 mi².

PERIOD OF RECORD.--September 1997 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

INSTRUMENTATION.--Water temperature recorder September 1997 September 2003, two times per hour.

REMARKS.--In September 1997, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor streamflows and water temperature within the Upper Truckee River-Trout Creek watershed. Records represent water temperature at probe within 0.5°C. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey, Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 18.5°C, July 26, August 10, 2001; minimum, freezing point on many days.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 16.5°C, July 29; minimum, freezing point, many days October to April.

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEMB	ER		JANU	ARY
1	7.0	4.0	5.0	2.5	0.0	1.0	2.5	0.5	1.5	1.0	0.0	0.5
2	7.0	3.0	4.0	2.5	0.0	1.0	2.5	0.5	1.5	2.5	1.0	1.5
3	7.0	1.5	4.0	3.5	0.0	2.0	2.0	0.0	1.0	3.0	1.5	2.0
4	8.0	5.0	6.5	3.5	0.0	1.5	2.5	0.0	1.0	3.5	1.5	2.5
5	8.5	4.0	6.0	3.0	0.0	1.5	2.5	0.0	1.5	3.0	1.0	2.0
6	9.5	4.5	6.5	3.5	0.0	2.0	3.0	1.0	2.0	3.0	1.0	1.5
7	10.0	4.5	7.0	5.0	2.5	3.5	2.5	0.5	1.5	2.0	0.0	1.0
8	9.0	4.0	6.5	4.0	3.0	3.5	1.5	0.0	0.5	3.0	0.5	1.5
9	9.5	4.5	6.5	3.5	1.0	2.5	2.5	0.0	1.5	3.5	2.5	3.0
10	9.5	6.0	7.5	1.5	0.5	1.0	4.5	1.5	2.5	3.5	2.5	3.0
11	8.5	4.5	6.5	3.5	1.0	2.0	2.0	0.0	1.0	3.5	1.5	2.5
12	8.0	3.0	5.0	4.0	1.5	2.5	2.5	0.0	1.5	4.0	1.5	2.5
13	8.0	3.0	5.0	5.0	2.5	3.5	3.5	1.5	2.5	4.5	1.5	3.0
14	8.5	4.0	5.5	4.0	1.5	2.5	3.5	0.0	2.5	3.0	1.0	1.5
15	7.5	3.5	5.5	3.0	0.5	2.0	0.0	0.0	0.0	2.0	0.0	1.0
16	8.0	3.5	5.0	4.0	1.0	2.5	0.0	0.0	0.0	2.0	0.0	1.0
17	7.5	3.0	5.0	4.0	1.5	2.5	0.0	0.0	0.0	3.0	0.5	1.5
18	7.5	3.0	4.5	3.0	0.5	2.0	0.0	0.0	0.0	3.5	0.5	2.0
19	7.0	2.5	4.5	3.5	1.0	2.0	0.0	0.0	0.0	3.0	0.5	1.5
20	7.0	2.5	4.5	4.5	1.5	2.5	0.0	0.0	0.0	3.0	0.5	1.5
21	6.5	2.5	4.0	5.0	2.0	3.0	0.0	0.0	0.0	3.5	1.5	2.5
22	6.5	2.5	4.0	5.5	2.5	4.0	0.0	0.0	0.0	5.0	2.5	3.5
23	6.5	2.5	4.0	5.0	2.5	4.0	0.0	0.0	0.0	5.0	2.5	3.5
24	5.5	1.5	3.5	4.0	1.5	2.5	0.0	0.0	0.0	4.0	2.0	3.0
25	6.0	3.0	4.0	3.0	0.5	1.5	0.0	0.0	0.0	5.0	2.5	3.0
26	5.5	2.0	3.5	2.5	0.0	1.0	1.5	0.0	0.5	4.5	2.0	3.0
27	6.0	2.5	4.0	2.5	0.0	1.0	2.5	1.5	2.0	5.0	2.5	3.5
28	5.5	2.5	4.0	2.0	0.0	1.0	3.0	0.0	1.5	4.0	2.0	2.5
29	4.5	1.5	3.0	1.5	0.0	0.5	1.0	0.0	0.5	4.0	1.0	2.5
3 0	5.0	1.5	3.0	2.0	0.0	1.0	2.0	0.5	1.0	5.0	2.0	3.0
31	4.0	0.0	2.0				1.5	0.0	0.5	5.0	2.0	3.0
MONTH	10.0	0.0	4.8	5.5	0.0	2.1	4.5	0.0	0.9	5.0	0.0	2.2

PYRAMID AND WINNEMUCCA LAKES BASIN 10336779 COLD CREEK AT MOUTH, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				WAIER IE.	AR OCTOB	ER 2002 1	TO SEPTEMB	ER 2003				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBR	UARY		MAR	.CH		APF	RIL		M	IAY
1 2	4.5	1.5 0.5	3.0 1.5	4.5 4.5	0.5	2.0	5.5 3.0	2.0	4.0 1.5	7.5 6.0	2.0	4.5 4.5
3	2.5	0.0	1.0	4.0	0.5	2.0	4.5	0.0	1.5	8.5	3.0	5.0
4	2.0	0.0	0.5	4.0	1.0	2.5	3.5	0.0	1.5	8.5	3.0	4.5
5	0.5	0.0	0.0	6.0	0.5	2.5	6.0	0.5	2.5	10.0	2.5	5.5
6	0.5	0.0	0.0	6.5	0.5	3.0	3.0	1.0	2.0	7.5	2.5	5.0
7	0.5	0.0	0.0	6.5	0.5	3.0	8.0	1.0	4.0	6.5	3.5	5.0
8 9	0.5 0.5	0.0	0.0	7.0 7.0	0.5 1.0	3.0 3.5	9.0 9.0	1.5 2.5	4.5 5.0	4.5 5.5	2.0 1.5	3.5
10	1.5	0.0	0.5	7.0	2.0	4.0	8.0	2.5	5.0	9.5	2.5	5.0
11 12	3.0	0.5 0.5	1.5	7.5 8.0	1.5 2.0	4.0	9.5 6.0	3.0 1.5	5.5 4.0	10.5 11.5	2.5 3.5	6.0 7.0
13	4.5	2.5	3.0	8.5	2.0	4.5	1.5	0.0	0.5	11.5	3.5	7.0
14	5.5	1.5	3.0	7.0	2.5	4.5	3.0	0.0	1.0	10.0	4.0	6.5
15	5.0	1.5	3.0	6.0	2.0	3.5	5.5	1.0	2.5	11.0	3.5	7.0
16	3.5	0.0	1.5	5.0	0.5	2.5	3.5	1.5	2.5	10.0	3.0	6.5
17	3.0	0.0	1.0	5.5	1.5	2.5	6.5	2.0	3.5	11.0	3.5	6.5
18	3.0	0.0	1.0	6.5	0.5	3.0	7.5	2.0	4.0	10.5	2.5	6.0
19	4.0	0.5	2.0	6.5	0.0	3.0	8.0	1.5	4.0	10.5	3.0	6.5
20	5.0	1.0	2.5	8.0	1.5	4.0	6.5	2.0	4.0	11.5	3.5	7.0
21	4.5	0.0	2.0	8.5	1.5	4.5	5.5	2.0	3.5	12.0	4.0	7.5
22	5.0	0.5	2.0	8.0	2.5	4.5	5.0	1.5	3.0	12.0	4.5	8.0
23 24	4.5 5.0	0.0 1.5	2.0	6.5 9.0	3.0	4.5 5.0	8.5 6.5	2.5	5.0 4.5	10.5 12.0	4.5 5.0	7.5 8.5
25	4.5	1.5	3.0	9.0	2.0	5.0	7.5	2.0	4.0	10.0	5.5	7.5
26	4.5	0.0	2.0	8.5	3.0	5.5	8.5	1.0	4.0	11.5	5.0	8.0
27 28	3.0	1.0	2.0 1.5	7.5 6.0	2.0 1.0	4.0	7.0 8.0	2.5	4.5 4.5	13.0 13.0	5.5 6.0	9.5 9.5
29				7.5	1.0	4.0	6.5	2.0	4.0	12.5	6.5	9.5
3 0				8.5	2.0	5.0	7.0	1.5	4.0	11.5	6.5	9.0
31				9.0	3.0	5.5				11.5	5.0	8.0
MONTH	5.5	0.0	1.6	9.0	0.0	3.7	9.5	0.0	3.5	13.0	1.5	6.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUN		MAX	MIN JULY	MEAN	MAX	MIN AUGUS		MAX	MIN SEPTE	
DAY 1		JUN	Ε		JULY			AUGUS	т		SEPTE	MBER
	MAX 11.5 12.0			MAX 12.5 12.5		10.0	MAX 13.5 12.0			MAX 13.0 13.5		
1 2 3	11.5 12.0 12.0	JUN: 5.0 5.5 6.0	E 8.5 9.0 9.5	12.5 12.5 13.5	JULY 7.5 7.0 8.0	10.0 10.0 11.0	13.5 12.0 13.5	AUGUS' 11.5 11.0 10.0	12.5 11.5 11.5	13.0 13.5 12.5	8.0 9.0 10.0	MBER 10.0 11.0 11.0
1 2 3 4	11.5 12.0 12.0 12.0	JUN: 5.0 5.5 6.0 6.5	8.5 9.0 9.5 9.5	12.5 12.5 13.5 12.5	JULY 7.5 7.0 8.0 7.5	10.0 10.0 11.0 10.0	13.5 12.0 13.5 15.0	AUGUS' 11.5 11.0 10.0 10.5	12.5 11.5 11.5 12.5	13.0 13.5 12.5 12.5	8.0 9.0 10.0 9.5	10.0 11.0 11.0 11.0
1 2 3 4 5	11.5 12.0 12.0	JUN: 5.0 5.5 6.0 6.5 6.5	E 8.5 9.0 9.5	12.5 12.5 13.5	JULY 7.5 7.0 8.0 7.5 7.5	10.0 10.0 11.0	13.5 12.0 13.5	AUGUS' 11.5 11.0 10.0	12.5 11.5 11.5 12.5 11.5	13.0 13.5 12.5	8.0 9.0 10.0	10.0 11.0 11.0 11.0
1 2 3 4 5	11.5 12.0 12.0 12.0 11.5	JUN 5.0 5.5 6.0 6.5 6.5	8.5 9.0 9.5 9.5 9.5	12.5 12.5 13.5 12.5 12.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5	10.0 10.0 11.0 10.0 10.5	13.5 12.0 13.5 15.0 14.0	AUGUS 11.5 11.0 10.0 10.5 9.5	12.5 11.5 11.5 12.5 11.5	13.0 13.5 12.5 12.5 13.5	8.0 9.0 10.0 9.5 9.5	MBER 10.0 11.0 11.0 11.0 11.0
1 2 3 4 5	11.5 12.0 12.0 12.0 11.5	JUN: 5.0 5.5 6.0 6.5 6.5	8.5 9.0 9.5 9.5 9.5	12.5 12.5 13.5 12.5 12.5 12.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5	10.0 10.0 11.0 10.0 10.5	13.5 12.0 13.5 15.0 14.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5	12.5 11.5 11.5 12.5 11.5	13.0 13.5 12.5 12.5 13.5	8.0 9.0 10.0 9.5 9.5	MBER 10.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5	11.5 12.0 12.0 12.0 11.5	JUN 5.0 5.5 6.0 6.5 6.5	8.5 9.0 9.5 9.5 9.5	12.5 12.5 13.5 12.5 12.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5	10.0 10.0 11.0 10.0 10.5	13.5 12.0 13.5 15.0 14.0	AUGUS 11.5 11.0 10.0 10.5 9.5	12.5 11.5 11.5 12.5 11.5	13.0 13.5 12.5 12.5 13.5	8.0 9.0 10.0 9.5 9.5	MBER 10.0 11.0 11.0 11.0 11.0
1 2 3 4 5	11.5 12.0 12.0 12.0 11.5	JUN: 5.0 5.5 6.0 6.5 6.5 6.0 7.0	8.5 9.0 9.5 9.5 9.5 10.0	12.5 12.5 13.5 12.5 12.5 12.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0	10.0 10.0 11.0 10.0 10.5	13.5 12.0 13.5 15.0 14.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5	12.5 11.5 11.5 12.5 11.5	13.0 13.5 12.5 12.5 13.5	8.0 9.0 10.0 9.5 9.5 9.0 9.0	MBER 10.0 11.0 11.0 11.0 11.0 10.5 10.5 10.0
1 2 3 4 5 6 7 8 9	11.5 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0	JUN: 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.5 8.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0	8.0 9.0 10.0 9.5 9.5 9.0 9.0 8.5 7.5 6.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5	JUN: 5.0 5.5 6.0 6.5 6.5 6.0 7.0 7.5 7.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0	12.5 12.5 13.5 12.5 12.5 12.5 12.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5	10.0 10.0 11.0 10.0 10.5 10.5 10.5 10.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.6	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0	13.0 13.5 12.5 12.5 13.5 13.5 13.0 12.0	8.0 9.0 10.0 9.5 9.5 9.5 9.0 8.5 7.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0	JUN. 5.0 5.5 6.0 6.5 6.5 6.7 7.0 7.5 7.0 6.0 6.0 5.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.5	12.5 12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0	AUGUS: 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 9.0 9.0 8.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0	SEPTE 8.0 9.0 10.0 9.5 9.5 9.5 7.0 8.5 7.0 8.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 6.5 6.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.0	12.5 12.5 13.5 12.5 12.5 12.5 14.0 14.0 13.5 14.0 13.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 8.7	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 14.0 14.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 8.5 9.0 9.0 8.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 12.0 12.0	SEPTE 8.0 9.0 10.0 9.5 9.5 9.5 7.5 6.5 7.0 8.0 8.0 7.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0	JUN. 5.0 5.5 6.0 6.5 6.5 6.7 7.0 7.5 7.0 6.0 6.0 5.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.5	12.5 12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0	AUGUS: 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 9.0 9.0 8.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0	SEPTE 8.0 9.0 10.0 9.5 9.5 9.5 7.0 8.5 7.0 8.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11.5 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.0 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 5.5 6.5 5.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 8.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 13.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 8.0 9.0	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 14.0 15.0	AUGUS: 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 9.0 9.0 8.5 9.0 10.0	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.0 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 6.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 9.0 10.0 10.0	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 14.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 8.5 9.0 10.0	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 6.0 7.0 7.5 7.0 6.0 6.5 6.5 7.5 9.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 8.5 9.0 8.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 9.0 10.0 10.5 11.0	10.0 10.0 11.0 10.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 14.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.5 11.0 10.5 11.0	13.0 13.5 12.5 12.5 13.5 13.5 13.0 12.0 11.0 11.0 12.5 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 8.0 8.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.0 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 6.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 9.0 10.0 10.0	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 14.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 8.5 9.0 10.0	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 11.5 11.0	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.7 7.0 6.0 6.5 6.5 7.5 6.5 7.5 9.0 9.0 7.0 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.0 15.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 9.0 10.0 10.5 11.0 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.5	12.5 11.5 11.5 12.5 11.0 11.0 11.0 11.0 11.5 11.0 10.5 11.0	13.0 13.5 12.5 13.5 13.5 13.0 11.0 11.0 12.0 12.5 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 7.0 8.0 8.0 7.0 6.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 6.5 5.5 6.5 7.5 9.0 7.0 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 13.5 14.0 13.5 14.0 13.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5	AUGUS: 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 9.0 9.0 10.0 10.0 10.0 10.0 10.5 10.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 12.0 12.0 12.0 12.0 12.5 12.5	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 6.5 6.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.7 7.0 6.0 6.5 6.5 7.5 6.5 7.5 9.0 9.0 7.0 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.0 15.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 8.5 9.0 10.0 10.5 11.0 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.5	12.5 11.5 11.5 12.5 11.0 11.0 11.0 11.0 11.5 11.0 10.5 11.0	13.0 13.5 12.5 13.5 13.5 13.0 11.0 11.0 12.0 12.5 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 7.0 8.0 8.0 7.0 6.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 7.0 6.0 5.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 11.5 12.0 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0 15.5 13.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.5 10.5	12.5 11.5 11.5 11.5 11.5 11.0 11.0 11.0 11	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.5 12.0 11.5 11.5 11.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 7.0 8.0 8.0 7.0 6.5 6.5 7.0 7.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.7 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 7.5 7.5 6.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 10.5 11.0 10.5 9.5 9.0	12.5 12.5 13.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 15.5 14.0 15.5 14.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 13.0	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.5 10.5	12.5 11.5 11.5 11.5 11.5 11.0 11.0 11.0 11	13.0 13.5 12.5 12.5 13.5 13.5 13.0 12.0 11.0 12.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 6.5 6.5 6.5 7.0 7.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 7.0 6.0 5.5 6.5	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.5 14.0	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 11.5 12.0 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 11.5	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0 15.0 14.5 14.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.5 10.5	12.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 12.0 12.0 12.0 12.0 12.0 12.5 12.5 12.5	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 7.0 8.0 8.0 7.0 6.5 6.5 7.0 7.0 8.0	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	11.5 12.0 12.0 11.5 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5 11.5 11.5	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 6.5 5.5 6.5 7.5 9.0 7.0 6.5 5.5 6.5 7.5 9.0 7.0 6.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 10.5 9.0 9.5 10.5 9.0 9.5	12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 13.5 14.0 13.5 14.0 15.5 14.0 15.5 14.0 15.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 11.5 12.0 11.5 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.5 13.5 14.0 15.0 15.0 15.0 15.0 15.0 15.0 15.5 14.5 14.5	AUGUS: 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 9.0 9.0 10.0 10.0 10.0 10.0 10.5 10.5 12.0 11.0 10.0 10.0 10.0 10.0 10.0	12.5 11.5 11.5 11.5 12.5 11.5 11.0 11.0 11.0 11.0 11.5 11.0 12.0 12.0 12.0 12.0 12.5 12.5 12.5	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 12.0 12.0 12.5 12.0 12.0 12.5 12.0 12.5 12.0 12.0 12.0 12.0 12.0	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 6.5 6.5 7.5 7.5 7.6 6.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11.5 12.0 12.0 11.5 12.0 13.0 13.0 13.0 12.5 11.0 11.5 11.5 11.5 11.5 11.5 11.5 11	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 6.5 5.5 6.5 7.5 9.0 9.0 7.0 6.0 9.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.0 15.5 14.5 16.0 15.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 13.0 11.5 11.5 11.5 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0 15.5 14.5 14.5 14.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0 1	12.5 11.5 11.5 11.5 12.5 11.0 11.0 11.0 11.0 11.5 11.0 12.0 12.0 12.0 12.5 12.5 12.5 12.5	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 10.0 10.0 11.5 11.5 11.5 11.5 11.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 6.5 6.5 7.0 7.5 7.5 7.5 7.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	11.5 12.0 12.0 12.0 11.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	JUN 5.0 5.5 6.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 6.5 6.5 7.5 9.0 9.0 7.0 6.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 13.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 15.5 14.0 15.5 16.0 15.5 16.0 15.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 11.5 11.5 11.5 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	12.5 11.5 11.5 11.5 11.5 11.0 11.0 11.0 11	13.0 13.5 12.5 12.5 13.5 13.5 13.0 12.0 11.0 12.0 12.5 12.0 12.5 12.0 10.0 10.0 10.0 11.5 11.5 11.5 12.0 12.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 7.0 8.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	10.0 11.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11.5 12.0 12.0 11.5 12.0 13.0 13.0 13.0 12.5 11.0 11.5 11.5 11.5 11.5 11.5 11.5 11	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 5.5 6.5 7.5 9.0 9.0 6.5 5.5 6.5 7.5 9.0 9.0 7.0 6.0 9.0	8.5 9.0 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5 9.0 9.5	12.5 12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 13.5 14.0 15.0 15.5 14.5 16.0 15.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 10.5 11.0 11.5 12.0 13.0 11.5 11.5 11.5 11.5	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.0 14.0 14.0 15.0 15.0 15.0 15.0 15.0 15.5 14.5 14.5 14.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.5 8.0 8.5 9.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0 1	12.5 11.5 11.5 11.5 12.5 11.0 11.0 11.0 11.0 11.5 11.0 12.0 12.0 12.0 12.5 12.5 12.5 12.5	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 10.0 10.0 11.5 11.5 11.5 11.5 11.5	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 8.0 6.5 6.5 7.0 7.5 7.5 7.5 7.5	10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	11.5 12.0 12.0 11.5 12.0 13.0 13.0 13.0 12.5 12.0 11.5 11.0 11.5 11.5 11.5 11.5 11.5 11	JUN. 5.0 5.5 6.0 6.5 6.5 7.0 7.5 7.0 6.0 6.5 5.5 5.5 6.5 5.5 7.5 9.0 7.0 6.5 5.5 5.5 6.0 7.0 7.0 6.0 7.0 7.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	8.5 9.0 9.5 9.5 9.5 9.5 10.0 10.0 10.0 9.5 9.0 9.5 10.5 10.5 9.0 9.5 11.0 10.5 9.5 11.0 10.5 9.5	12.5 12.5 12.5 12.5 12.5 12.5 13.0 14.0 14.0 13.5 14.0 15.5 14.0 15.5 14.0 15.5 14.5 16.0 15.5	JULY 7.5 7.0 8.0 7.5 7.5 7.5 8.0 8.5 9.5 8.5 9.0 10.0 11.5 12.0 11.5 12.0 11.5 12.0 11.5 12.0	10.0 10.0 11.0 10.5 10.5 10.5 11.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	13.5 12.0 13.5 15.0 14.0 13.5 13.5 13.5 13.5 13.5 14.0 15.0 15.0 15.0 15.0 15.0 15.5 14.5 14.5 14.5	AUGUS' 11.5 11.0 10.0 10.5 9.5 8.5 8.5 8.0 8.5 9.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	12.5 11.5 11.5 11.5 11.5 11.0 11.0 11.0 11	13.0 13.5 12.5 12.5 13.5 13.0 12.0 11.0 11.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5 12.0 12.5 12.0 10.0 11.5 11.5 11.5 11.5 11.5 12.0 12.0 12.0	SEPTE 8.0 9.0 10.0 9.5 9.5 9.0 8.5 7.5 6.5 7.0 8.0 8.0 7.0 6.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	MBER 10.0 11.0 11.0 11.0 11.0 11.0 10.5 10.5

YEAR 16.5 0.0 5.7

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°55'12", long 119°58'17", in NW ¹/₄ SE ¹/₄ sec.3, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 5 ft upstream from Martin Avenue Bridge, 500 ft upstream from Heavenly Valley Creek, and 1.8 mi east of Tahoe Valley. DRAINAGE AREA.--36.7 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD .-- October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,241.57 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Minor diversions for local water supply upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 535 ft³/s, February 1, 1963, gage height, 11.14 ft, and January 2, 1997, gage height, 9.33 ft, from rating curve extended above 250 ft³/s on basis of computation of peak flow (weir formula); minimum daily, 2.5 ft³/s, September 7, 1988.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 100 ft³/s, and maximum (*):

LZ T I I I I	ilb i ok c	CRREIT IL	1111. 10	_	_		discharge	01 100					
		_			Gage hei	gnt	_		Discharge	_	_		
		Date		` /	` /		Date	Time	` /	,	*		
		April 14	4 1145	126	7.17		May 30	0415	*142	*7.	22		
		DISCHA	RGE, CU	BIC FEET PE		WATER Y MEAN		OBER 2	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	AP	R	MAY	JUN	JUL	AUG	SEP
1	9.8	11	13	e14	18	14	3	4	31	124	45	27	17
2	10	12	13	e16	18	14	2	8	32	124	44	29	17
3	10	12	13	e16	18	14	3		34	127	43	28	17
4	10	11	15	e16	e17	14	2		38	127	41	25	19
5	10	12	15	16	e17	14	2	5	35	124	40	23	20
6	9.9	12	11	15	e17	15	2	3	37	119	39	22	17
7	9.8	12	12	e15	e16	15	2		36	117	38	22	16
8	9.8	46	14	e14	e16	15	2		37	115	37	22	16
9	9.9	37	16	13	e15	16	3		34	114	36	21	16
10	9.6	17	11	13	e15	16	3	0	33	108	35	20	16
11	9.4	17	12	13	e14	17	3	0	36	104	34	20	16
12	9.5	17	12	13	e13	18	3		42	98	32	19	15
13	9.6	17	13	13	13	21	7		48	93	32	19	15
14	9.6	15	e13	e13	13	23	8		53	87	31	19	15
15	9.5	14	e13	e13	13	30	3	9	55	85	30	19	15
16	9.5	13	e14	e13	e13	23	3		57	82	29	19	15
17	9.5	13	e14	e13	e13	20	3		59	8 0	29	18	14
18	9.6	12	e14	e13	e13	18	3		60	79	28	18	15
19 20	9.6 9.7	12 13	e14 e15	14 14	e13 13	18 19	3		60 63	76 74	29 28	18 18	14 14
21	9.8	13	e15	13	13	19	3		69 77	72 69	27	22	14
22 23	9.8 10	13 13	e15 e15	13 18	13 13	20 30	2		87	69 68	26 29	24	14 13
24	9.9	13	e16	21	13	27	3		88	67	30	19	13
25	10	12	e16	17	13	25	3		93	62	26	18	13
26	10	13	e16	16	13	41	3	_	92	57	25	18	13
27	10	15	e15	18	13	38	3		98	54	25	18	13
28	10	16	e15	21	13	29	3		110	50	26	17	13
29	10	16	e15	17		26	3		119	47	24	19	13
3 0	10	15	e14	16		28	3	0	130	45	24	17	13
31	10		e14	16		32		-	127		23	17	
TOTAL	303.8	464	433	466	402	669	103	5	1970	2648	985	635	451
MEAN	9.80	15.5	14.0	15.0	14.4	21.6	34.	5	63.5	88.3	31.8	20.5	15.0
MAX	10	46	16	21	18	41	8	4	130	127	45	29	20
MIN	9.4	11	11	13	13	14	2		31	45	23	17	13
AC-FT	603	920	859	924	797	1330	205	0	3910	5250	1950	1260	895
		ONTHLY MEAN											
MEAN	17.0	19.4	20.8	24.2	24.7	29.6	43.		77.4	91.5	48.8	23.9	17.2
MAX	37.6	61.1	64.0	115	68.7	85.0	81.		184	286	188	88.7	49.6
(WY) MIN	1983 5.19	1984 7.43	1984	1997 8.00	1986 8.02	1986 11.0	198 15.		1969 14.2	1983 10.9	1995 5.21	1983	1983 3.71
(WY)	1989	1978	1991	1991	1991	1977	198		1988	1988	1988	1977	1977
SUMMARY	STATIST	ICS	FOR 2	2002 CALEND	AR YEAR		FOR 200	3 WAT	ER YEAR		WATER YEARS	1961	- 2003
ANNUAL				7630.0			1046				26.5		
ANNUAL	MEAN CANNUAL N	ME A M		20.9			2	8.7			36.5 85.3		1983
	ANNUAL M										10.2		1977
	DAILY ME			63	Jun 2		13	0	May 30		501	Jan	
	DAILY MEA				Sep 25				Oct 11		2.5		
		Y MINIMUM			Sep 22			9.5	Oct 11		3.0	Sep	9 1977
	M PEAK FLO								May 30		535		1 1963
	PEAK STA			45455					May 30		11.14	Feb	1 1963
	RUNOFF (A			15130			2075				26440		
	CENT EXCER			45 15			6 1				82 22		
	CENT EXCE			9.8			1				9.0		
20 IBR0				٥.٥			_	-			٥.٠		

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974, 1978, 1980-85, 1988, 1997 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: March 1981 to September 1983.

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1985, October 1987 to September 1988.

INSTRUMENTATION.--Water temperature recorder since September 1997 to September 2003, two times per hour.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Water temperature records represent water temperature at probe within 0.5°C. Interruptions in record due to vandalism of sensor. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey, Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum recorded, 160 microsiemens, August 24, 1981; minimum recorded 14 microsiemens, May 28, 1982. WATER TEMPERATURE: Maximum, 21.5°C, August 10, 12, 13, 17, 29, 2001; minimum, freezing point on many days during winter months. SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 162 tons, February 16, 1982; minimum daily, 0 ton, October 15, 16, 1973

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum recorded, 19.5°C, July 21; minimum, freezing point, many days October to March.

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		NO	OVEMBER		DI	ECEMBER			JANUARY	?
1	9.0	5.0	6.5	3.0	0.0	1.0	2.0	0.0	1.0	0.0	0.0	0.0
2	9.5	3.5	5.5	3.0	0.0	1.0	3.0	0.0	1.0	0.0	0.0	0.0
3	9.0	2.0	5.0	3.5	0.0	1.5	2.0	0.0	0.5	0.0	0.0	0.0
4	9.5	5.5	7.0	3.5	0.0	1.0	2.0	0.0	0.5	1.0	0.0	0.5
5	11.0	4.0	7.0	3.0	0.0	1.0	1.5	0.0	0.5	1.5	0.0	0.5
6	11.5	4.5	7.5	3.0	0.0	1.0	2.0	0.5	1.0	1.5	0.0	0.5
7	11.5	5.0	7.5	4.5	1.0	2.5	2.0	0.0	1.0	1.0	0.0	0.5
8	11.0	4.5	7.0	3.5	3.0	3.5	0.5	0.5	0.5			
9	11.5	4.5	7.5	3.5	1.0	2.5	1.5	0.5	1.0			
10	11.0	6.5	8.0	2.0	0.5	1.0	3.5	0.5	1.5			
11	10.0	5.0	7.0	4.0	0.5	1.5	1.5	0.5	1.0			
12	9.5	3.5	6.0	4.5	0.5	2.5	1.5	0.5	1.0			
13	9.5	3.5	6.0	5.5	2.5	3.5	2.5	0.5	1.5			
14	10.0	4.0	6.0	5.0	1.0	2.5	2.5	0.5	2.0			
15	9.0	3.5	6.0	3.5	0.0	1.5	0.5	0.0	0.5			
16	9.0	3.0	5.5	4.0	0.5	2.0	0.5	0.0	0.0			
17	9.0	3.0	5.5	4.5	1.0	2.5	0.0	0.0	0.0			
18	9.0	2.5	5.0	3.5	0.5	1.5	0.0	0.0	0.0			
19	8.5	2.5	5.0	4.0	0.5	1.5	0.0	0.0	0.0			
20	8.5	2.5	5.0	5.0	0.5	2.5	0.0	0.0	0.0			
21	7.5	2.5	4.5	4.5	1.0	2.5	0.0	0.0	0.0			
22	7.5	2.0	4.5	5.0	2.0	3.5	0.0	0.0	0.0			
23	7.5	2.5	4.0	5.5	2.5	3.5	0.0	0.0	0.0			
24	6.5	1.5	4.0	4.5	1.0	2.5	0.0	0.0	0.0			
25	7.0	3.0	4.5	3.0	0.0	1.5	0.0	0.0	0.0			
26	7.0	2.0	4.0	2.5	0.0	0.5	0.0	0.0	0.0			
27	7.0	2.0	4.0	2.0	0.0	0.5	0.0	0.0	0.0			
28	6.0	2.0	3.5	2.0	0.5	0.5	0.0	0.0	0.0			
29	5.0	1.0	2.5	1.0	0.0	0.5	0.0	0.0	0.0			
30	6.0	1.0	3.0	1.0	0.0	0.5	0.0	0.0	0.0			
31	5.0	0.0	2.0				0.0	0.0	0.0			
MONTH	11.5	0.0	5.4	5.5	0.0	1.8	3.5	0.0	0.5			

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							5.0	2.5	4.5			
2							2.5	1.0	2.0			
3 4												
5												
3												
6												
7				6.5	0.0	3.0				6.5	3.5	5.0
8 9				6.0 6.5	0.0	3.0				5.0 5.0	1.5 0.5	3.5 2.5
10				6.5	1.5	3.5				9.0	2.5	5.0
11				7.0	1.0	3.5				11.0	2.5	6.0
12 13				7.5 8.0	1.5 1.5	4.0				11.5 11.5	3.5 4.0	7.0 7.5
14				7.0	2.0	4.0				10.0	4.5	7.0
15				5.0	1.5	3.0				11.0	4.0	7.0
16 17				4.0 5.0	0.0	2.0				10.0 11.0	3.0	6.5
18				6.5	0.0	3.0				10.0	3.0	7.0 6.5
19				5.5	0.0	2.5				10.5	3.5	6.5
20				7.5	1.0	3.5				11.0	3.5	7.0
21				7.5	1 ^	4.0				11 -	4 0	7 -
21 22				7.5	1.0	4.0				11.5 11.0	4.0	7.5 7.5
23				5.5	3.0	4.0				9.5	4.5	7.0
24				8.0	2.5	4.5				11.0	4.5	7.5
25				7.5	2.0	4.5				9.0	5.0	7.0
26				7.0	3.5	5.0				10.0	4.0	7.0
27				6.5	2.0	4.0				11.5	5.0	8.0
28				5.5	1.5	3.5				11.5	5.5	8.5
29				7.0	1.5	4.0				11.5	5.5	8.5
30 31				8.0 8.0	2.5	5.0 5.5				11.5 11.5	6.0 5.0	8.5 8.0
31				0.0	3.0	5.5				11.5	5.0	0.0
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	
		JUNE			JULY			AUGUST			SEPTEMBE	ER
1	11.5	JUNE 5.0	8.5	15.0	JULY 8.0	11.0	15.0	AUGUST	13.5	15.5	SEPTEMBE	ER 11.5
1 2	11.5 11.5	JUNE 5.0 5.5	8.5 9.0	15.0 15.0	JULY 8.0 7.5	11.0 11.0	15.0 13.5	AUGUST 12.5 12.0	13.5 13.0	15.5 16.0	SEPTEMBE 8.5 9.5	11.5 12.5
1	11.5	JUNE 5.0	8.5	15.0	JULY 8.0	11.0	15.0	AUGUST	13.5	15.5	SEPTEMBE	ER 11.5
1 2 3	11.5 11.5 12.0	JUNE 5.0 5.5 6.0	8.5 9.0 9.0	15.0 15.0 16.0	JULY 8.0 7.5 8.5	11.0 11.0 12.0	15.0 13.5 15.0	AUGUST 12.5 12.0 10.5	13.5 13.0 12.5	15.5 16.0 13.0	8.5 9.5 10.5	11.5 12.5 12.0
1 2 3 4 5	11.5 11.5 12.0 12.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5	8.5 9.0 9.0 9.5 9.5	15.0 15.0 16.0 15.0	JULY 8.0 7.5 8.5 8.0 8.0	11.0 11.0 12.0 11.5 11.5	15.0 13.5 15.0 18.0 17.0	12.5 12.0 10.5 11.0 10.0	13.5 13.0 12.5 14.0 13.5	15.5 16.0 13.0 14.0 16.0	8.5 9.5 10.5 10.0 9.5	11.5 12.5 12.0 12.0
1 2 3 4 5	11.5 11.5 12.0 12.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5	8.5 9.0 9.0 9.5 9.5	15.0 15.0 16.0 15.0 15.0	JULY 8.0 7.5 8.5 8.0 8.0	11.0 11.0 12.0 11.5 11.5	15.0 13.5 15.0 18.0 17.0	AUGUST 12.5 12.0 10.5 11.0 10.0	13.5 13.0 12.5 14.0 13.5	15.5 16.0 13.0 14.0 16.0	8.5 9.5 10.5 10.0 9.5	11.5 12.5 12.0 12.0 12.5
1 2 3 4 5	11.5 11.5 12.0 12.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5	8.5 9.0 9.0 9.5 9.5	15.0 15.0 16.0 15.0	JULY 8.0 7.5 8.5 8.0 8.0	11.0 11.0 12.0 11.5 11.5	15.0 13.5 15.0 18.0 17.0	12.5 12.0 10.5 11.0 10.0	13.5 13.0 12.5 14.0 13.5	15.5 16.0 13.0 14.0 16.0	8.5 9.5 10.5 10.0 9.5	11.5 12.5 12.0 12.0
1 2 3 4 5 6 7 8 9	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0	8.5 9.0 9.0 9.5 9.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.0 9.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5	SEPTEMBE 8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5	11.5 12.5 12.0 12.0 12.5 12.5 12.5 12.0 11.5
1 2 3 4 5	11.5 11.5 12.0 12.5 12.0 13.0	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0	8.5 9.0 9.0 9.5 9.5 10.5	15.0 15.0 16.0 15.0 15.0	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.0	11.0 11.0 12.0 11.5 11.5 11.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0	13.5 13.0 12.5 14.0 13.5	15.5 16.0 13.0 14.0 16.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5	11.5 12.5 12.0 12.0 12.5 12.5 12.5
1 2 3 4 5 6 7 8 9	11.5 11.5 12.0 12.5 12.0 13.0 13.0 13.0 12.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0	8.5 9.0 9.0 9.5 9.5 10.5 10.5 10.5	15.0 15.0 16.0 15.0 15.0 15.0 15.5 16.5	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0	11.5 12.5 12.0 12.0 12.5 12.5 12.5 12.0 11.5 10.0
1 2 3 4 5 6 7 8 9	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0	8.5 9.0 9.0 9.5 9.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.0 9.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5	SEPTEMBE 8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5	11.5 12.5 12.0 12.0 12.5 12.5 12.5 12.0 11.5
1 2 3 4 5 6 7 8 9 10	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.0 15.5 16.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 9.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 12.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0	11.5 12.5 12.0 12.0 12.5 12.5 12.5 10.0 10.5 10.5 11.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 7.0 6.5 6.5 6.5 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.0 9.5 9.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 13.0 13.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0	11.5 12.5 12.0 12.0 12.5 12.5 12.5 10.0 10.0 10.5 11.5 10.5
1 2 3 4 5 6 7 8 9 10	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.0 15.5 16.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 9.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 12.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0	11.5 12.5 12.0 12.0 12.5 12.5 12.5 10.0 10.5 10.5 11.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 7.0 6.5 6.5 6.5 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.0 9.5 9.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 13.0 13.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0	11.5 12.5 12.0 12.0 12.5 12.5 12.5 10.0 10.0 10.5 11.5 10.5
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5 11.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5	8.5 9.0 9.5 9.5 9.5 10.5 10.5 9.5 9.5 9.5 9.0 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 17.0 16.5 17.0	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 9.5 10.5 11.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 13.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5	12.5 12.0 10.5 11.0 10.0 9.5 9.0 8.5 9.0 10.0 9.5 9.5 11.0	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 14.0 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 8.5 7.0 7.5 8.5 9.0 8.0 8.5	11.5 12.5 12.0 12.0 12.0 12.5 12.0 11.5 10.0 10.0 10.5 11.0 11.5 11.0
1 2 3 4 5 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 7.5 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5	8.5 9.0 9.5 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.0 9.5 9.0 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 16.5 17.0 16.5 17.0	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 9.1 10.5 11.0 11.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 15.5 16.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.5	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0 8.5	11.5 12.5 12.0 12.0 12.5 12.5 12.5 12.0 11.5 10.0 10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5 9.5 8.0	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.0 11.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.0 15.5 17.0 17.0 17.0 16.5 17.0 18.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.5 9.0 9.5 9.0 9.5 10.5 11.0 11.5 12.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.5 12.0	13.5 13.0 12.5 14.0 13.5 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0 14.0 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0 8.0 8.5	11.5 12.5 12.0 12.0 12.0 12.5 12.5 10.0 11.5 10.0 10.5 11.0 11.5 11.0 9.5 9.5
1 2 3 4 5 5 6 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 7.5 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5	8.5 9.0 9.5 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.0 9.5 9.0 9.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 16.5 17.0 16.5 17.0	JULY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 9.1 10.5 11.0 11.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 15.5 16.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.5	13.5 13.0 12.5 14.0 13.5 13.0 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0 8.5	11.5 12.5 12.0 12.0 12.5 12.5 12.5 12.0 11.5 10.0 10.0
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 11.5 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 6.5 7.5 6.5 7.5 8.5 9.5 8.5 9.5 8.0 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 10.0 11.0 11.5 11.5 10.5 11.0	15.0 15.0 16.0 15.0 15.0 15.5 15.0 15.5 17.0 17.0 16.5 17.0 18.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 9.1 10.5 11.5 12.0 13.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.5 14.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 12.0	13.5 13.0 12.5 14.0 12.5 12.5 12.5 12.5 13.0 12.5 13.0 14.0 14.0 14.0 14.0 14.5 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.5 9.0 8.0 8.5 9.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 10.0 11.5 10.0 10.0 10.5 11.0 11.5 10.5 11.0 9.5 9.5 9.5
1 2 3 4 4 5 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5 11.5 11.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 9.5 9.5 9.7 7.0 6.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 11.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 17.0 17.0 16.5 17.0 18.5 17.0 18.5 17.0	### STATE ### ST	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0 15.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.0 12.0 12.0 13.0 11.5	13.5 13.0 12.5 14.0 12.5 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.5 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.0 8.0 8.5 9.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.5 10.0 11.5 10.0 10.5 11.0 11.5 11.0 9.5 9.5 9.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5 11.5 11.5 12.0 13.5 13.0 13.0 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 6.5 7.5 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5 9.5 9.5 8.7 7.0 6.5 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 11.5 10.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 16.5 17.0 18.0 18.5 17.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.5 9.0 9.5 9.5 10.5 11.0 11.5 12.0 13.0 13.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0 15.5 14.0	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 12.0 13.0 11.5 10.5	13.5 13.0 12.5 14.0 13.5 12.5 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 13.5 13.5	8.5 9.5 10.5 10.0 9.5 9.5 9.5 8.5 7.0 7.5 8.0 8.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.5 12.0 11.5 10.0 10.5 11.0 10.5 11.0 9.5 9.0 9.5 9.5
1 2 3 4 4 5 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 11.5 11.5 11.5 11.5 11.5 11.5	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 9.5 9.5 9.7 7.0 6.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 11.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 17.0 17.0 16.5 17.0 18.5 17.0 18.5 17.0	### STATE ### ST	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0 15.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.0 12.0 12.0 13.0 11.5	13.5 13.0 12.5 14.0 12.5 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.5 14.0	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.0 8.0 8.5 9.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.5 10.0 11.5 10.0 10.5 11.0 11.5 11.0 9.5 9.5 9.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.0 12.0 13.0 13.0 14.0 15.1 15.1 15.1 15.1 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5 9.5 9.5 9.5 6.5 7.5 6.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 16.5 17.0 17.0 16.5 17.0 18.0 18.0 18.0 18.0 19.5 19.0 16.5 18.5	### STATE ### ST	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 14.5 14.0 15.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.0 11.0 11.0 11.0 11.0 1	13.5 13.0 12.5 14.0 12.5 12.5 12.0 12.5 13.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.5 13.5 13.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.6 9.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.5 10.0 11.5 10.0 10.5 11.0 9.5 9.0 9.5 9.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.0 13.0 12.0 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 7.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 9.5 8.5 9.5 8.5 7.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 16.5 17.0 18.0 18.5 17.0 18.0 18.5 19.5 19.0 16.5 18.5	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 10.5 11.0 11.5 12.0 13.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 15.5 14.0 15.5 14.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 13.0 11.5 10.5 11.0 10.5	13.5 13.0 12.5 14.0 13.5 12.5 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.5 9.5 8.5 7.0 7.5 8.6 9.0 8.5 9.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.0 11.5 10.0 10.5 11.0 11.5 11.0 11.5 10.5 11.0 9.5 9.0 9.5 9.5 9.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.5 13.5 13.0 13.0 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 8.0 7.0 6.5 7.5 8.5 9.5 8.5 9.5 8.6 7.5 8.5 7.5 8.5 9.5 8.6 7.5 8.6 8.7 7.5 8.5 8.6 8.7 7.5 8.5 8.6 8.6 8.7 8.6 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 11.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 17.0 17.0 16.5 17.0 18.0 18.0 18.0 19.5 19.0 18.0 19.5 19.0 16.5	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.5 9.0 9.5 9.5 9.1 1.5 12.0 13.0 12.5 12.5 12.0 12.5	11.0 11.0 11.5 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.5 14.5 15.5 15.5 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.0 17.0 17.0	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.5 12.0 12.0 13.0 11.5 10.5 11.0	13.5 13.0 12.5 14.0 12.5 12.5 12.5 12.5 13.0 14.0 14.0 14.0 14.5 14.0 13.5 13.5 13.5 13.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 12.5 13.0 13.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 7.5 8.0 8.0 6.5 7.0 7.5 8.0 8.0	11.5 12.5 12.0 12.0 12.0 12.5 10.0 11.5 10.0 10.0 11.5 11.0 11.5 11.0 9.5 9.5 9.5 9.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.0 13.0 12.0 12.0	JUNE 5.0 5.5 6.0 7.0 6.5 7.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 9.5 8.5 9.5 8.5 7.5 7.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 15.5 16.5 17.0 16.5 17.0 18.0 18.5 17.0 18.0 18.5 19.5 19.0 16.5 18.5	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.0 9.5 9.0 9.5 9.5 10.5 11.0 11.5 12.0 13.0	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 15.5 14.0 15.5 14.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 13.0 11.5 10.5 11.0 10.5	13.5 13.0 12.5 14.0 13.5 12.5 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.5 9.5 8.5 7.0 7.5 8.6 9.0 8.5 9.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.0 11.5 10.0 10.5 11.0 11.5 11.0 11.5 10.5 11.0 9.5 9.0 9.5 9.5 9.5
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.5 13.5 13.0 12.0 14.0 15.0 16.0 16.0 17.0 17.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 9.5 9.5 9.5 6.5 7.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 11.5 10.5 11.5 10.5	15.0 15.0 16.0 15.0 15.5 15.0 15.5 17.0 17.0 16.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 19.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 19.0 16.5 17.0 18.0 18.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 18.0 16.5 17.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 18.0 16.5 17.0 16.5 18.5 17.0 16.5 18.5 17.0 16.5 18.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 19.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.5 9.0 9.5 9.5 9.1 10.5 11.0 13.0 12.5 13.0 12.5 12.5 12.5 12.5 12.5 12.5 13.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 15.5 14.0 15.5 14.0 15.5 14.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.0 17.0 16.5 17.0 17.0	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 11.5 12.0 11.5 10.5 11.0 10.5	13.5 13.0 12.5 14.0 12.5 12.5 12.0 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.5 13.5 13.5 13.5 13.5 13.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.0 9.5 9.5 8.5 7.0 8.0 8.5 9.0 6.5 6.0 6.5 7.0	11.5 12.5 12.0 12.0 12.0 12.5 12.5 10.0 11.5 10.0 11.5 11.0 9.5 9.5 9.5 9.5 10.0 10.5 10.0 10.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.0 13.0 12.0 12.0 12.0 13.5 13.5 13.5 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	JUNE 5.0 5.5 6.0 7.0 6.5 8.0 8.0 7.0 7.0 6.5 7.5 8.5 9.5 9.5 7.5 8.5 9.5 9.5 9.5 9.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 10.0 11.0 11.5 11.5 10.5 11.5 10.5 11.5 11.5 10.5	15.0 15.0 16.0 15.0 15.0 15.5 16.5 17.0 17.0 16.5 17.0 18.0	### STATE ### ST	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 15.5 14.0 15.5 15.5 15.5 15.5 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 11.0 11.0 11.0 11.5 12.0 11.5 12.0 11.5 11.0 10.5	13.5 13.0 12.5 14.0 12.5 12.5 12.0 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 13.5 13.5 13.5 13.5 13.5 13.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12	8.5 9.5 10.5 10.0 9.5 9.0 9.5 8.5 7.0 7.5 8.6 6.5 6.0 6.5 7.0 7.5 8.0 8.0	11.5 12.5 12.0 12.0 12.0 12.5 12.0 11.5 10.0 10.5 11.0 11.5 9.0 9.5 9.5 11.0 11.5 11.0 11.5 11.0 11.5 11.0 11.5
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	11.5 11.5 12.0 12.5 12.0 13.0 13.0 12.5 12.5 12.0 11.5 11.5 11.5 11.5 12.0 13.5 13.5 13.5 13.0 12.0 14.0 15.0 16.0 16.0 17.0 17.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	JUNE 5.0 5.5 6.0 7.0 6.5 7.5 8.0 8.0 7.0 6.5 7.5 8.5 9.5 8.5 9.5 8.5 7.5 8.5 9.5 8.5 9.5 8.5 9.5 8.5 9.5 8.5	8.5 9.0 9.5 9.5 10.5 10.5 10.5 9.5 9.5 9.5 9.5 10.0 11.0 11.5 10.5 10.5 11.5 10.5 11.5 10.5	15.0 15.0 16.0 15.0 15.5 15.0 15.5 17.0 17.0 16.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 17.0 18.0 18.5 19.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 19.0 16.5 17.0 18.0 18.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 18.0 16.5 17.0 16.5 17.0 18.0 18.5 19.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 18.0 16.5 17.0 16.5 18.5 17.0 16.5 18.5 17.0 16.5 18.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 19.0	ULLY 8.0 7.5 8.5 8.0 8.0 8.0 8.0 8.5 9.0 9.5 9.5 9.1 10.5 11.0 13.0 12.5 13.0 12.5 12.5 12.5 12.5 12.5 12.5 13.5	11.0 11.0 12.0 11.5 11.5 11.5 11.5 12.5 13.0 13.0 13.0 13.0 13.0 14.0 15.5 14.0 15.5 14.0 15.5 14.0 15.5	15.0 13.5 15.0 18.0 17.0 16.5 16.5 16.5 16.5 17.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.0 17.0 16.5 17.0 17.0	AUGUST 12.5 12.0 10.5 11.0 10.0 9.5 9.0 9.0 8.5 9.0 10.0 9.5 9.5 11.0 11.0 11.5 12.0 11.5 12.0 11.5 10.5 11.0 10.5	13.5 13.0 12.5 14.0 12.5 12.5 12.0 12.5 12.0 12.5 13.0 14.0 14.0 14.0 14.0 14.0 14.0 14.5 13.5 13.5 13.5 13.5 13.5	15.5 16.0 13.0 14.0 16.0 15.0 14.5 12.0 13.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	8.5 9.5 10.5 10.0 9.5 9.5 9.5 8.5 7.0 7.5 8.5 9.0 8.5 7.0 6.5 6.0 6.5 7.0 7.5 8.0 8.0 8.0 8.0	11.5 12.5 12.0 12.0 12.0 12.5 12.0 11.5 10.0 10.5 11.0 11.5 10.5 11.0 11.5 10.5 11.0 11.5 10.5 11.0 11.5 10.5 11.0

10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA

(Lake Tahoe Interagency Monitoring Program)

LOCATION.--Lat 38°55'56", long 119°58'40", in SE 1/4 NW 1/4 sec.3, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on right bank, downstream side of U.S. Highway 50 bridge, 1.2 mi upstream from Lake Tahoe, and 1.4 mi southwest of South Lake Tahoe Post Office.

DRAINAGE AREA.--40.4 mi².

PERIOD OF RECORD.--Water years 1972-74, 1989 to September 2003, discontinued.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Instantaneous: October 1971 to June 1974, October 1988 to September 1992. Continuous: September 1997 to September 2003, discontinued.

SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1988 to September 1992.

INSTRUMENTATION.--Water temperature recorder September 1997 September 2003, two times per hour.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature records represent water temperature at probe within 0.5°C. Water temperature data for September 1997 were not published but are available from the U.S. Geological Survey in Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 22.0°C, July 8, 1990, August 2, 2001; minimum, freezing point on many days during winter months. SEDIMENT CONCENTRATION: Maximum daily mean, 300 mg/L, January 15, 1974; minimum daily mean, 0 mg/L, at times in most years. SEDIMENT LOAD: Maximum daily, 52 tons, January 15, 1974; minimum daily, 0 ton, at times in most years.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 20.5°C, July 21; minimum, freezing point, many days October to April.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Note
Date Time dis- pres- solved
Date Time
Date Time Charge, Sure, Oxygen, Of Sat- Std US/cm air, Water, fltrd, mg/L as N
OCT 2001 OCT 20
OCT 2001 02 1030
02 1030 7.8
02 1030 7.8
NOV 07 1210 10 62 12.0 4.6 11 008 DEC 11 1630 16 7.4 585 .4 1.01 .18 .16 .004 JAN 2002 09 0850 15 60 -2.5 .8 2.0 23 .005 FEB 06 0930 31 64 -2.0 .1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.23 21 .003 APR 03 1050 32 63 11.5 4.0 3.23 21 .003 APR 03 1050 32 49 14.5 8.3 2.09 24 .003 12 1305 46 49 14.5 8.3 2.09 24 .003 25 1315 34 42 13.0 6.9 11.45 .24 .46 .004 23 1035 34 42 13.0 6.9 11.45 .24 .46 .004 23 1035 34 42 13.0 6.9 11.5 .24 .46 .004 25 1715 34 42 13.0 10.4 1.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
DEC 11 1630 16 7.4 58 5 .4 1.01 .18 .16 .004 JAN 2002 09 0850 15 60 -2.5 .8 2.0 .23 .005 FEB 06 0930 31 64 -2.0 .1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.23 21 .003 APR 03 1050 32 64 11.5 4.0 3.23 21 .003 APR 03 1050 32 49 14.5 8.3 2.09 24 .003 12 1305 46 42 13.0 6.9 1.45 .24 4.6 .004 25 1715 34 42 13.0 6.9 1.45 .24 4.6 .004 MAY
DEC 11 1630 16 7.4 585 .4 1.01 .18 .16 .004 JAN 2002 09 0850 15 60 -2.5 .8 2.0 23 .005 FEB 06 0930 31 64 -2.0 .1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.23 21 .003 APR 03 1050 32 63 11.5 4.0 3.23 21 .003 APR 03 1050 32 49 14.5 8.3 2.09 24 .003 12 1305 46 49 14.5 8.3 2.09 24 .003 25 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 6.9 11.45 .24 .46 .004 MAY
11 1630 16 7.4 585 .4 1.01 .18 .16 .004 JAN 2002 09 0850 15 60 -2.5 8 2.0 23 .005 FEB 06 0930 31 64 -2.0 1.1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 63 11.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 49 14.5 8.3 2.0924 .003 25 1715 34 40 11.0 4.3 1.33 .24 .46 .004 MAY
09 0850 15
FEB 06 0930 31 64 -2.0 .1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 42 13.0 6.9 1.45 .24 .46 .004 25 1715 34 42 13.0 10.4 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.2 .21 .51 .004
06 0930 31 64 -2.0 .1 1.38 .19 .19 <.003 20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 05 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
20 1000 17 63 6.0 1.3 2.57 .21 .43 <.003 MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
MAR 05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
05 0655 15 610 11.0 95 6.6 66 2.0 .5 2.84 .21 .22 .003 27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
27 1235 16 63 11.5 4.0 3.2321 .003 APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
APR 03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
03 1050 32 50 13.5 5.5 2.29 .26 .42 .003 04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004
04 1630 39 49 14.5 8.3 2.0924 .003 12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
12 1305 46 42 13.0 6.9 1.45 .24 .46 .004 23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
23 1035 34 40 11.0 4.3 1.33 .24 .42 .003 25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
25 1715 34 42 13.0 10.4 1.12 .21 .51 .004 MAY
MAY
08 1735 40 36 13.5 10.2 .76 .16 .27 <.003
14 1535 44 33 18.0 11.4 .63 .23 .16 <.003
15 1850 47 32 14.5 11.7 .59 .19 .21 <.003
24 1440 45 34 18.0 10.4 .58 .16 .25 .003
29 1510 50 32 23.0 13.6 .43 .22 .22 <.003
30 1435 56 36 22.5 13.3 .41 .24 .18 <.003
JUN
05 1450 59 610 8.7 106 7.5 29 25.5 14.2 .36 .43 .27 .004
JUL
02 1315 24 39 23.0 16.0 .45 .34 .11 <.003
AUG
16 0855 11 609 7.4 90 6.6 47 18.5 14.0 .57 .10 .09 .003
5br 11 1220

PYRAMID AND WINNEMUCCA LAKES BASIN 10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

	¹ Nitrite	Ortho-			Iron	Sus-		Iron
	+	phos-			(bio	pended	Sus-	(bio
	nitrate	phate,	Phos-	Phos-	reac-	sedi-	pended	reac-
	water			phorus,		ment	sedi-	tive),
	fltrd,			water,				water,
Date	mg/L			unfltrd				fltrd
	as N	as P		mg/L				ug/L
	(00631)	(00671)	(00666)	(00665)	(46568)	(80154)	(80155)	(63673)
OCT 2001								
02	.003	.009		.023	342	3	.06	
17								
NOV								
07	.003	.008		.015	263	5	.14	
DEC								
11	.007	.007	.016	.011	172	1	.04	170
JAN 2002								
09	.006	.007	.017	.025	431	5	.20	220
FEB								
06	.006	.003	.009	.013	207	2	.17	120
20	.003	.006	.012	.022		3	.14	210
MAR								
05	.008	.006		.019	442	4	.16	220
27	.007	.006	.013	.019		5	.22	210
APR								
03	.019	.007	.017	.036	744	11	.95	210
04	.020	.008	.019	.042	779	10	1.1	300
12	.016	.007	.012	.037	696	10	1.2	180
23	.009	.005	.015	.026	529	6	.55	170
25	.008	.006	.017	.024	386	4	.37	180
MAY								
08	.004	.007	.012	.029	366	6	.65	150
14	.004	.006	.011	.025	373	6	.71	140
15	.004	.006	.012	.026	371	5	.63	130
24	.003	.005	.013	.022	175	4	.49	120
29	.004	.006	.013	.023	337	9	1.2	100
30	.005	.006	.013	.031	478	13	2.0	98
JUN								
05	.003	.007	.013	.030	412	6	.96	93
JUL								
02	.004	.009	.016	.036	342	4	.26	140
AUG								
16	.003	.009	.015	.025	366	2	.06	190
SEP								
11	.003	.009	.015	.019	350	4	.11	

PYRAMID AND WINNEMUCCA LAKES BASIN 10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

											Ammonia	Ammonia	
					Dis-	pН,	Specif.				+	+	
		Instan-	Baro-		solved	water,	conduc-			Chlor-	org-N,	org-N,	Ammonia
		taneous	metric	Dis-	oxygen,	unfltrd	tance,	Temper-	Temper-	ide,	water,	water,	water,
		dis-	pres-	solved	percent	field,	wat unf	ature,	ature,	water,	fltrd,	unfltrd	fltrd,
Date	Time	charge,	sure,	oxygen,	of sat-	std	uS/cm	air,	water,	fltrd,	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	units	25 degC	deg C	deg C	mg/L	as N	as N	as N
		(00061)	(00025)	(00300)	(00301)	(00400)	(00095)	(00020)	(00010)	(00940)	(00623)	(00625)	(00608)
OCT 2002													
10	1155	E11					54	17.5	7.9	. 65		.17	< .003
NOV													
06	1035	E12					55	13.5	1.2	.77	.07	.08	.004
08	1045	E37					55	4.5	3.0	2.47	.46	.61	.004
DEC													
05	0930	E16	609	11.1	95	7.6	55	2.5	. 0	.85	.07		.003
JAN 2003													
10	1050	E9.1					56	2.5	.1	1.44	.08	.13	< .003
FEB													
03	1020	E14					62	1.5	. 3	2.55	.09	.17	< .003
MAR													
06	1045	E16	605	10.9	100	7.1	64	9.0	2.3	2.03	.08	.11	< .003
26	1155	E40					56	8.5	6.0	2.33	.15	.26	< .003
APR													
03	1055	E38					55	5	1.3	1.88	.11	.24	< .003
08	1130	E27					54	15.0	3.8	2.21	.16	.18	< .003
09	1045	E30					53	11.0	3.8		.15	.39	< .003
23	1015	E30					58	7.5	2.9	2.54	.19	.22	< .003
MAY													
02	1050	E34					58	4.5	4.3	2.25	.13	.12	.003
06	1020	E39					54	7.5	3.8	2.02	.15	.21	< .003
10	1300	E34					53	7.5	6.9		.13	.18	< .003
13	1210	E48					48	13.5	7.6		.21	.27	< .003
16	1640	E56					42	17.0	10.1		.25	.45	< .003
21	1720	E67					38	20.5	11.5		.11	.32	.005
23	1135	E87					31	18.5	6.5		.15	.46	.003
28	1125	E114					26	21.5	7.5		.20	.39	.005
30	1130	E137					24	19.0	8.0		.23	.48	.003
JUN													
07	1550	E118	605	8.2	99	6.7	24	25.5	13.4		.16	.31	< .003
10	1155	E114					23	20.5	9.4		.13	.22	< .003
JUL													
09	1020	E39					42	20.0	10.1		.10	.13	.003
AUG													
08	0925	E25					44	17.0	10.5		.07	.12	.003
SEP													
03	0950	E18	610	9.0	104	7.2	49	19.0	11.8		.08	.12	.006

PYRAMID AND WINNEMUCCA LAKES BASIN 10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

		¹ Nitrite	¹ Nitrite	Ortho-	Ortho-			Iron	Iron	Sus-		Suspnd.
		+	+	phos-	phos-			(bio	(bio	pended	Sus-	sedi-
		nitrate		phate,	phate,	Phos-	Phos-	reac-	reac-	sedi-	pended	ment,
	water,	water	water	water,	water,	phorus,	phorus,	tive),	tive),	ment	sedi-	sieve
	unfltrd	fltrd,	unfltrd	fltrd,	unfltrd	water,	water,	water,	water,	concen-	ment	diametr
Date	mg/L	mg/L	mg/L	mg/L	mg/L	fltrd,	unfltrd		fltrd,	tration	load,	percent
	as N	as N	as N	as P	as P	mg/L	mg/L	ug/L	ug/L	mg/L	tons/d	< .063mm
	(00610)	(00631)	(00630)	(00671)	(70507)	(00666)	(00665)	(46568)	(63673)	(80154)	(80155)	(70331)
OCT 2002												
10	.008	.003	.003	.009	.01	.022	.021	211		4	E.12	
NOV												
06	.004	.006	.006	.007	.01	.016	.021	380	179	6	E.19	
08	.004	.018	.024	.021	.04	.056	.160	3420	284	96	E9.7	41
DEC												
05	< .003	.005	.006	.007	.01	.013	.018	276	169			
JAN 2003												
10	.005	.010	.017	.006	.01	.010	.019	382	181	2	E.05	
FEB												
03	.003	.013	.021	.007	.01	.014	.016	396	256	9	E.34	
MAR												
06	.003	.013	.015	.007	.01	.016	.021	432	261	5	E.22	
26	.008	.017	.026	.007	.01	.017	.027	717	176	6	E.65	
APR												
03	.005	.023	.031	.006	.01	.014	.026	730	246	9	E.93	
08	.005	.014	.022	.005	.01	.012	.020	517	144	6	E.43	
09	.007	.005	.021	.005	.01	.012	.029	622	167	6	E.48	
23	.007	.012	.021	.004	.01	.008	.020	548	206	8	E.65	
MAY												
02	.004	.009	.018	.005	.01	.012	.023	469	22	3	E.28	
06	.004	.009	.018	.005	.01	.012	.023	504	204	4	E.43	
10	.003	.009	.009	.006	.01	.011	.026	478	253	4	E.37	
13	.006	.010	.018	.006	.01	.015	.037	564	127	9	E1.2	
16	.009	.018	.024	.008	.02	.020	.041	736	154	15	E2.3	
21	.013	.015	.027	.007	.02	.016	.055	842	157	16	E2.9	
23	.019	.019	.032	.009	.03	.022	.080	1390	111	51	E12	
28	.019	.015	.029	.011	.03	.021	.088	1430	248	51	E16	64
30	.020	.011	.026	.014	.03	.026	.090	1430	248	4 9	E18	
JUN												
07	.009	.005	.015	.009	.02	.017	.047	701	91	21	E6.7	
10	.007	.007	.015	.009	.02	.018	.038	572	96	18	E5.5	
JUL												
09	.004	.007	.011	.009	.01	.020	.035	343	104	7	E.74	
AUG												
08	.004	.008	.009	.009	.01	.015	.026	444	175	5	E.33	
SEP												
03	.009	.006	.010	.011	.02	.025	.030	373	166	4	E.20	

Remark Codes Used in This report:

< -- Less than E -- Estimated

 $^{^1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAY	MTN	MEDN	MAY			MAY		MEAN	MAV	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEMB	ER		JANU	ARY
1 2	9.5 7.5	5.5 4.0	7.0 6.0	2.5	0.0		1.0	0.0		0.0	0.0	0.0
3	8.0	3.0	5.5	3.5	0.0		1.0	0.0	0.5	0.0	0.0	0.0
4 5	8.0 9.5	6.0 5.0	7.5 7.5	3.0	0.0		1.5	0.0		0.0	0.0	0.0
6 7	10.0	5.5 5.5	8.0 8.0	3.0 4.5	0.0	2.5	1.5 1.5	0.0		0.0	0.0	0.0
8	10.0	5.5	8.0	3.5	3.0	3.0	0.5	0.0		0.0	0.0	0.0
9 10	10.0	5.5 7.0	8.0 8.5	4.0 1.5	1.0	2.5 0.5	0.5 3.0	0.0	1.5	0.0	0.0	0.0
11 12	9.0 8.0	6.5 4.5	7.5 6.5	4.0 4.5	0.0	1.5 2.5	1.0	0.0		0.0 0.5	0.0	0.0 0.5
13	8.0	4.5	6.5	5.5	2.5	3.5	2.0	0.0	1.0	1.5	0.0	1.0
14 15	8.0 8.0	5.0 5.0	6.5 6.5	5.0 3.5	1.0	2.5 1.5	2.0	0.0	1.5	1.5 0.5	0.0	0.5
16 17	7.5 7.0	5.0 4.0	6.0 6.0	4.0 4.5	0.0	2.0	0.0	0.0	0.0	1.0	0.0	
18	7.0	4.0	6.0	3.0	0.0	1.5	0.0	0.0	0.0	1.5	0.0	
19 20	7.0 7.0	3.5 3.5	5.5 5.5	3.5 4.5	0.0	1.5	0.0	0.0	0.0	2.0	0.0	
20	7.0	3.3	5.5	4.5	0.5	2.0	0.0	0.0	0.0	2.0	0.0	
21 22	6.5 6.5	3.5	5.0 5.0	4.5 4.5	1.0	2.5	0.0	0.0	0.0	2.0	0.0	1.0
23	7.5	2.0	4.5	5.0	2.5	3.5	0.0	0.0	0.0	4.5	1.5	3.0
24	6.5	1.0	4.0	4.0	1.0	2.5	0.0	0.0	0.0	3.0	0.5	2.0
25	7.0	2.5	4.5	2.5	0.0	1.5	0.0	0.0	0.0	4.5	1.5	3.0
26	7.0	1.5	4.0	1.5	0.0	0.5	0.0	0.0	0.0	4.0	1.5	2.5
27 28	7.0 6.0	1.5 1.5	4.0	1.0	0.0		0.0	0.0	0.0	4.5 4.5	2.5 1.0	3.0 2.5
29	4.5	0.5	2.5	0.5	0.0		0.0	0.0	0.0	4.0	0.5	2.0
30 31	5.5 4.5	0.5	3.0	0.0	0.0		0.0	0.0	0.0	4.5 4.5	1.0	2.5
31	4.5	0.0	2.0				0.0	0.0	0.0	4.5	1.0	3.0
MONTH	10.0	0.0	5.8	5.5	0.0		3.0	0.0		4.5	0.0	
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBR		MAX	MIN MAR		MAX	MIN APR		MAX		MEAN IAY
DAY 1	MAX 4.0			MAX 5.5			MAX 6.0			MAX 7.5		
1 2	4.0	FEBR 1.5 0.0	UARY 2.5 1.5	5.5 4.5	MAR 0.5 0.0	2.0	6.0 3.0	APR 2.0 0.0	4.5 1.5	7.5 6.5	2.5 4.0	5.0 5.0
1 2 3	4.0 3.0 2.0	FEBR 1.5 0.0 0.0	UARY 2.5 1.5	5.5 4.5 3.5	MAR 0.5 0.0	2.0 	6.0 3.0 4.0	APR 2.0 0.0 0.0	4.5 1.5 1.5	7.5 6.5 9.0	2.5 4.0 3.0	5.0 5.0 5.5
1 2	4.0	FEBR 1.5 0.0	UARY 2.5 1.5	5.5 4.5	MAR 0.5 0.0	2.0	6.0 3.0	APR 2.0 0.0 0.0	4.5 1.5	7.5 6.5	2.5 4.0	5.0 5.0
1 2 3 4 5	4.0 3.0 2.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0	2.5 1.5 0.0	5.5 4.5 3.5 4.5 6.5	MAR 0.5 0.0 0.0 0.5 0.0	2.0 2.5 3.0	6.0 3.0 4.0 3.5 6.5	2.0 0.0 0.0 0.0 0.0	4.5 1.5 1.5 1.0 3.0	7.5 6.5 9.0 8.5 10.5	2.5 4.0 3.0 3.0 2.5	5.0 5.0 5.5 5.5 6.0
1 2 3 4 5	4.0 3.0 2.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0	2.5 1.5 0.0	5.5 4.5 3.5 4.5 6.5	MAR 0.5 0.0 0.0 0.5 0.0	2.0 2.5 3.0 3.0 3.5	6.0 3.0 4.0 3.5 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 0.5	4.5 1.5 1.5 1.0 3.0 2.0 4.5	7.5 6.5 9.0 8.5 10.5	2.5 4.0 3.0 3.0 2.5	5.0 5.0 5.5 5.5 6.0
1 2 3 4 5 6 7 8	4.0 3.0 2.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.5 1.5 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0	MAR 0.5 0.0 0.0 0.5 0.0 0.5 0.0	2.0 2.5 3.0 3.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 0.5	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5	7.5 6.5 9.0 8.5 10.5	M 2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0	5.0 5.0 5.5 5.5 6.0 5.5 4.0
1 2 3 4 5	4.0 3.0 2.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0	2.5 1.5 0.0	5.5 4.5 3.5 4.5 6.5	MAR 0.5 0.0 0.0 0.5 0.0	2.0 2.5 3.0 3.0 3.5	6.0 3.0 4.0 3.5 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 0.5	4.5 1.5 1.5 1.0 3.0 2.0 4.5	7.5 6.5 9.0 8.5 10.5	2.5 4.0 3.0 3.0 2.5	5.0 5.0 5.5 5.5 6.0
1 2 3 4 5 6 7 8 9	4.0 3.0 2.0 1.0 1.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.0 7.5	MAR 0.5 0.0 0.0 0.5 0.0 0.5 1.0 2.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5	2.0 0.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0 1.0 2.5	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5
1 2 3 4 5 6 7 8 9 10	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 6.5 7.0 7.0 7.5	MAR 0.5 0.0 0.0 0.5 0.0 0.5 0.5 1.0 2.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5	2.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5
1 2 3 4 5 6 7 8 9 10	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5	MAR 0.5 0.0 0.0 0.5 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5	2.5 4.0 3.0 2.5 3.0 2.5 3.0 4.0 2.0 1.0 2.5	5.0 5.0 5.5 6.0 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.0 8.5
1 2 3 4 5 6 7 8 9 10	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 6.5 7.0 7.0 7.5	MAR 0.5 0.0 0.0 0.5 0.0 0.5 0.5 1.0 2.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5	2.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 8.5 8.5 7.0	MARR 0.5 0.0 0.0 0.5 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.0 2.5 2.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0 5.0 4.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 0.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 5.0 5.0 4.5	5.0 5.0 5.5 6.0 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.0 8.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.0 7.5 7.5 8.5 8.5	MAR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 12.0	2.5 4.0 3.0 2.5 3.0 2.5 3.0 4.0 2.0 1.0 2.5	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.0 8.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 5.0 4.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.0 7.5 8.5 8.5 7.0 5.5	MAR 0.5 0.0 0.0 0.5 0.0 0.5 0.5 1.0 2.0 1.5 2.0 2.0 0.5 1.0 0.5 1.0 0.5 0.5	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.5	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 2.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 12.0 10.0 11.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0 1.0 2.5 3.0 4.0 2.5 4.0 4.0 5.0 4.0 5.0 4.0	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.5 7.0 8.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.0 7.5 8.5 8.5 7.0 5.5	MAR 0.5 0.0 0.0 0.5 0.0 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 0.5 2.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0 1.0 2.5 3.0 4.0 5.0 4.0	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.0 7.5 8.5 8.5 7.0 5.5	MAR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0 0.5 1.0 0.5	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5 3.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.5 1.5 2.5 2.5 0.0 1.5 2.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 0.5 2.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0 1.0 2.5 3.0 4.0 5.0 4.0 5.0 4.5	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 7.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 2.5 4.0 5.0 4.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 8.5 7.0 5.5	MAR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.0 0.5 1.0 0.5	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 5.0 4.5 3.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.5 0.5 2.5 2.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5	2.5 4.0 3.0 2.5 3.0 2.5 3.0 2.0 1.0 2.5 3.0 4.0 2.5 4.0 4.0 5.0 4.5	5.0 5.0 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.0 8.5 7.5 8.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 8.5 7.0 5.5	MAR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 0.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5 3.5 3.5 4.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.0 0.5 1.5 2.5 1.5 2.5 1.5 2.5 1.5 2.5 3.0 0.0 0.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.0 0.5 0.5 0.0 0.0 0.0 0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 0.5 2.5 2.5 4.5 5.0 4.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 10.5 11.5	2.5 4.0 3.0 2.5 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 4.0 4.0 5.0 5.0 4.5	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 8.0 7.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 8.5 7.0 5.5	MARR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.0 0.5 1.5 0.5 1.0 1.5 2.0 1.5 2.0 1.5 2.0 1.5 2.0 1.5 2.0 1.5 2.0 1.5 2.0 2.5 2.0 1.5 2.0 2.5 2.0 0.5 1.0 1.5 2.0 2.5 2.0 0.5 1.0 1.5 2.0 2.5 2.0 0.5 1.0 1.5 2.0 2.5 2.0 0.5 1.0 1.5 2.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 5.0 4.5 3.5 3.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 9.5 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 0.0 0.0 0.5 1.5 2.5 1.5 2.5 0.0 0.0 0.0 0.5 1.5 2.5 1.5 2.5 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.5 0.5 2.5 2.5 2.5 4.5 5.0 4.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 10.5 11.5	2.5 4.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 4.0 4.0 4.5 4.0 4.5	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.5 7.5 8.0 7.0 7.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5 4.5 4.5 4.0 4.0	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5 3.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 8.5 7.0 5.5 5.0 7.5 7.0 8.0 8.5 8.0	MARR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0 2.5 2.0 0.5 2.5 2.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0 4.5 3.5 2.5 3.5 4.0 4.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.5 0.5 0.5 2.5 2.5 4.5 5.0 4.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 11.5 11.5 11.5	2.5 4.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 4.0 4.0 3.5 4.0 4.5 4.5 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.5 7.5 8.0 7.0 7.5 8.0 8.5 7.5 8.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 8.5 7.0 5.5 5.0 7.0 8.0 8.5 8.5	MARR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0 0.5 2.5 2.0	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 4.5 3.5 3.5 4.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5	APR 2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.5 1.5 2.5 1.5 2.5 0.0 0.0 0.5 1.5 2.5 0.0 0.0 0.5 1.5 2.5 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 0.0 0.0 0.5 1.5 0.0 0.0 0.5 0.5 0.0 0.5 0.5 0.0 0.5 0.5	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 0.5 0.5 2.5 2.5 2.0 4.5 5.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 11.5 11.5	2.5 4.0 3.0 3.0 2.5 3.0 4.0 2.0 1.0 2.5 3.0 4.0 5.0 4.0 5.0 4.5	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 8.0 7.0 7.0 7.0 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5 4.5 4.5 4.0 4.5 4.5 4.5 3.5 3.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5 3.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 8.5 8.5 7.0 5.5 5.0 7.5 7.0 8.0 8.5 8.5 8.5 8.5 8.5 8.5	MARR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 2.5 2.0 0.5 1.0 0.5 1.0 0.5 2.0 2.5 2.0 0.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2.0 2.5 3.0 3.5 3.5 3.5 4.0 4.0 5.0 5.0 4.5 3.5 2.5 3.5 4.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5 9.0 6.5	APR 2.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0 0.0 0.0 0.5 1.5 2.5 1.5 2.5 1.0 0.0 0.0 0.5 1.5 1.5 2.0 0.0 0.0 0.5 1.5 1.5 2.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 2.0 0.0 0.0 0.5 1.5 2.0 0.0 0.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.5 5.5 0.5 2.5 2.5 4.5 5.0 4.5 5.0 4.5 4.5 5.0 4.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 10.5 11.5 11.5 11	2.5 4.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 4.0 4.0 3.5 4.0 4.5 4.0 4.5 4.0 4.5	5.0 5.0 5.5 5.5 6.0 5.5 4.0 3.0 5.5 7.0 8.5 7.5 8.0 7.5 8.0 7.5 8.0 7.5 7.0 8.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 2.0 1.0 2.5 2.5 3.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 8.5 8.5 7.0 5.5 5.0 7.5 8.0 8.5 8.5 8.5 7.0 8.0 8.5 8.5	0.5 0.0 0.0 0.5 0.5 0.5 0.5 1.0 2.0 2.0 2.5 2.0 0.5 1.0 5 2.0 3.5 2.0 3.5 2.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0 5.0 4.5 3.5 3.5 4.5 4.5 5.0 4.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5 9.0 6.5	2.0 0.0 0.0 0.0 0.0 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.0 0.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.5 2.5 2.5 4.5 5.5 4.0 3.0 4.5 5.5 5.5 6.0 6.0	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 10.5 11.0 11.5	2.5 4.0 3.0 2.5 3.0 2.5 3.0 4.0 2.5 3.0 4.0 5.0 5.0 4.5 4.0 4.5 5.0 5.0 5.0 5.0 5.0 4.5	5.0 5.0 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 7.5 8.0 7.0 7.0 7.0 8.5 7.5 8.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 2.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5 4.5 4.5 4.5 4.5 3.5 3.5 	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.5 2.0 2.5 2.0 1.0 2.5 3.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 7.5 8.5 7.0 5.5 8.5 7.0 8.5 8.5 7.0 8.5 8.5 7.0 8.5 7.0 8.5 7.0 8.5 7.0 7.0 8.5 7.0 8.5 7.0 8.5 7.0 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	MARR 0.5 0.0 0.0 0.5 0.5 0.5 1.0 2.0 1.5 2.0 2.5 2.0 0.5 1.0 0.5 1.0 0.5 0.5 1.0 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 1.0 0.5 0.5 0.0 0.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0 4.5 3.5 2.5 3.5 4.0 4.5 5.0 4.0 5.0 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5 9.0 6.5	APR 2.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0 3.5 2.5 2.5 3.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.5 1.5 2.0 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.0 0	4.5 1.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 2.5 2.5 4.5 5.0 4.5 5.0 4.5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 12.0 10.0 11.5 10.5 11.5 10.5 11.5 10.5 11.5 11	2.5 4.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 4.0 4.0 3.5 4.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	5.0 5.0 5.5 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.5 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.0 7.5 8.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	4.0 3.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.5 4.0 5.0 4.0 2.5 2.0 2.0 3.0 5.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	FEBR 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	UARY 2.5 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 2.0 1.0 2.5 3.0	5.5 4.5 3.5 4.5 6.5 7.0 7.0 7.5 8.5 7.0 5.5 8.5 7.0 8.0 8.5 6.0 8.5 8.5 7.0 8.5 8.5 7.0 8.5 8.5 7.0 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	0.5 0.0 0.0 0.5 0.5 0.5 0.5 1.0 2.0 2.5 2.0 0.5 1.5 2.0 2.5 2.0 0.5 1.0 3.5 2.0 1.5 2.0 1.0 3.5 2.0 1.0 2.5 2.0 2.0 2.5 2.0 0.5 0.0 1.0 0.5 0.0 1.0 0.5 0.0 0.0	2.0 2.5 3.0 3.5 3.5 4.0 4.0 5.0 4.5 3.5 2.5 3.5 3.0 4.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0	6.0 3.0 4.0 3.5 6.5 3.5 8.5 10.0 9.5 8.5 10.0 7.0 2.5 1.5 5.5 4.0 7.0 7.5 9.0 6.5 9.0 6.5 9.5 8.5 9.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	APR 2.0 0.0 0.0 0.0 0.5 0.5 1.5 2.5 3.0 3.5 2.5 0.0 0.0 0.5 1.5 2.5 1.0 2.5 1.0 2.5 1.5 2.0 2.5 1.0 2.0 2.0 2.0	4.5 1.5 1.5 1.0 3.0 2.0 4.5 5.5 6.0 6.0 6.5 5.0 0.5 2.5 2.5 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	7.5 6.5 9.0 8.5 10.5 7.5 6.5 5.5 9.5 11.0 12.0 10.0 11.5 10.5 11.5 11.0 12.0 11.5 11.5 11.0 12.0 12.0	2.5 4.0 3.0 2.5 3.0 4.0 2.5 3.0 4.0 2.5 3.0 4.0 5.0 4.5 4.0 5.0 4.5 4.5 5.0 5.0 5.0 6.0 6.5	5.0 5.0 5.5 6.0 5.5 5.5 4.0 3.0 5.5 7.0 8.0 8.5 7.5 8.0 7.0 7.5 8.0 8.5 7.5 8.0 7.5 8.0 7.5 8.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9

PYRAMID AND WINNEMUCCA LAKES BASIN 10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

Temperature, water, degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNI	Ε		JULY			AUGUS'	Г		SEPTE	MBER
1	12.0	5.5	9.0	15.0	8.5	12.0	15.5	13.0	14.5	16.0	8.5	12.0
2	12.5	6.5	9.5	15.5	8.0	11.5	14.0	12.5	13.5	17.0	10.5	13.5
3	13.0	7.0	10.0	16.5	9.0	12.5	15.5	11.0	13.0	14.5	11.5	12.5
4	13.5	7.5	10.5	15.5	8.5	12.0	18.5	11.5	14.5	15.0	10.0	12.0
5	13.0	7.5	10.0	15.5	8.5	12.0	17.5	11.0	14.0	17.0	10.0	13.0
6	13.0	7.0	10.0	16.0	9.0	12.5	17.0	10.5	13.5	16.0	10.0	13.0
7	14.0	8.0	11.0	15.5	8.5	12.0	17.0	10.0	13.5	15.0	10.0	12.5
8	13.5	8.5	11.0	16.5	8.5	12.5	17.0	10.5	13.5	14.5	10.5	12.0
9	13.5	8.5	11.0	17.0	9.5	13.0	16.5	10.0	13.0	12.0	9.0	10.5
10	13.0	7.5	10.5	17.5	10.5	14.0	17.0	10.0	13.5	13.5	7.5	10.5
11	12.0	7.5	10.0	17.0	10.0	13.5	17.5	11.0	14.0	14.5	8.0	11.0
12	12.0	7.0	9.5	17.0	10.5	13.5	17.5	11.0	14.0	15.0	9.0	12.0
13	12.5	8.0	10.0	17.5	10.0	13.5	16.5	11.0	13.5	15.0	9.5	12.0
14	12.5	7.0	10.0	17.0	10.0	13.5	17.0	10.5	13.5	14.5	8.5	11.5
15	12.5	8.0	10.5	17.5	10.5	14.0	18.5	12.0	15.0	14.5	9.0	11.5
16	14.0	8.5	11.0	18.0	11.0	14.5	19.0	12.0	15.0	14.0	9.5	11.5
17	14.0	10.0	12.0	18.5	12.0	15.0	19.0	12.0	15.0	13.0	8.0	10.0
18	13.5	10.0	11.5	17.5	12.5	15.0	19.0	12.0	15.0	12.5	7.0	9.5
19	13.5	8.5	11.0	19.0	13.0	15.5	19.0	12.5	15.5	13.0	7.0	10.0
20	13.0	8.0	10.5	19.0	14.0	16.5	18.5	12.5	15.0	13.5	7.5	10.5
21	12.5	7.5	10.0	20.5	13.5	16.5	15.5	13.5	14.5	13.5	7.5	10.5
22	12.5	7.0	9.5	20.0	14.0	16.5	17.5	12.0	14.5	13.5	8.0	10.5
23	9.5	7.0	8.0	17.5	14.0	15.5	18.0	11.5	14.5	14.0	8.5	11.0
24	12.0	5.5	8.5	19.0	13.0	15.5	18.5	12.0	14.5	14.0	8.5	11.5
25	13.5	6.5	10.0	19.0	13.0	16.0	18.5	11.0	14.0	14.0	8.5	11.5
26	14.5	8.0	11.0	18.5	13.0	15.5	17.0	12.5	14.5	13.0	8.0	10.5
27	15.5	9.0	12.0	17.0	13.5	15.0	18.0	11.5	14.5	13.0	7.5	10.5
28	16.5	10.0	13.0	18.0	12.0	15.0	18.0	11.5	14.5	13.5	8.0	11.0
29	16.5	10.5	13.0	20.0	13.5	16.5	17.0	10.5	13.5	13.5	8.5	11.0
3 0	15.5	9.0	12.0	20.0	14.5	17.0	17.0	10.0	13.0	14.0	8.5	11.0
31				18.5	15.5	16.5	14.0	10.5	11.5			
MONTH	16.5	5.5	10.5	20.5	8.0	14.3	19.0	10.0	14.0	17.0	7.0	11.3

10337000 LAKE TAHOE AT TAHOE CITY, CA

LOCATION.--Lat 39°10′51", long 120°07′06", in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec.5, T.15 N., R.17 E., Placer County, Hydrologic Unit 16050101, on U.S. Coast Guard pier at Lake Forest, 1.1 mi northeast of Tahoe City, 1.8 mi northeast of Lake Tahoe outlet dam on Truckee River at Tahoe City and at mi 116.27 upstream from Marble Bluff Dam.

DRAINAGE AREA.--506 mi², at lake outlet.

PERIOD OF RECORD.--April 1900 to current year. Monthend elevations only for October 1943 to September 1957, published in WSP 1734. Prior to October 1961, published as "at Tahoe.

CHEMICAL DATA: Water year 1969, bimonthly; 1978, biannually; 1979, annually.

REVISED RECORDS -- WDR CA-78-3: Drainage area

GAGE.--Water-stage recorder. Datum of gage is 6,220.00 ft above U.S. Bureau of Reclamation datum, 6,218.86 ft above NGVD of 1929. Prior to October 1, 1957, nonrecording gages at several sites near outlet of lake at same datum except for water years 1907 and 1908, which were at a datum 5.5 ft higher. October 1, 1957, to May 8, 1958, water-stage recorder on left wingwall of dam at outlet of lake at same datum. May 9, 1958, to September 30, 1968, water-stage recorder on pier, 1,000 ft east of dam at lake outlet.

REMARKS.--Lake levels regulated by a 17-gate concrete dam at outlet of lake; storage began about 1874, Monthly figures given represent usable contents. Usable capacity, 744,600 acre-ft between elevations 6,223 ft, natural rim of lake, and 6,229.1 ft, maximum permissible elevation by Federal Court decree. Lake elevations are referred to U.S. Bureau of Reclamation datum because that datum is used as the official reference point by all local, State, and Federal agencies. There are minor diversions for domestic purposes, irrigation, and power. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6,231.26 ft, July 14, 15, 17, 18, 1907; minimum, 6220.26 ft, November 30, 1992. EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6,224.89 ft, June 17, 23; minimum, 6,222.97 ft, November 6. Capacity table (elevation, in feet, and contents, in acre-feet)

(Based on topographic information available in April 1959)

6,223 6,224 486.800 6.229.1 744.600 121,400 6.226 364,800 6.228 GAGE HEIGHT, FEET WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 2400 HOURS DAY OCT NOV DEC MAY JUL AUG 3.51 3.07 3.15 3.61 3.72 3.71 3.80 4.12 4.65 4.83 4.56 4.11 3.71 3.47 3.06 3.15 3.68 3.84 2 3.63 4.13 4.68 4.82 4.56 4.09 3.44 3.71 3.69 4.71 3.05 3.14 3.62 3.82 4.16 4.80 4.54 4.09 3.44 3.04 3.13 3.61 3.72 3.68 3.86 4.16 4.72 4.80 4.52 4.11 5 3.43 3.02 3.69 3.69 4.17 4.76 4.48 3.13 3.63 3.86 4.79 4.09 2.97 3.60 4.17 4.78 3.42 3.13 3.69 3.67 3.86 4.78 4.43 4.06 3.60 4.03 3.41 3.14 3.12 3.67 3.67 3.86 4.18 4.80 4.75 4.44 3.40 3.27 3.12 3.60 3.66 3.66 3.86 4.18 4.81 4.76 4.39 3.99 3.39 3.30 3.11 3.62 3.66 3.66 3.87 4.20 4.83 4.74 4.39 3.97 10 3.35 3.32 3.11 3.62 3.66 3.66 3.86 4.20 4.83 4.75 4.34 3.95 11 3.36 3.33 3.10 3.62 3.66 3.66 3.87 4.21 4.84 4.73 4.34 3.93 12 3.34 3.31 3.09 3.63 3.66 3.66 3.95 4.21 4.85 4.71 4.28 13 3.67 4.04 4.22 4.86 4.70 3.32 3.32 3.16 3.62 3.68 4.29 3.88 14 3.33 3.30 3.27 3.62 3.69 3.65 4.06 4.24 4.86 4.68 4.26 3.88 15 3.31 3.31 3.26 3.61 3.64 3.73 4.05 4.24 4.88 4.66 4.26 3.84 3.61 3.71 3.73 4.07 4.88 16 3.29 3.28 3.46 4.25 4.66 4.25 3.81 4.66 17 3.28 3.48 3.71 3.71 4.07 4.27 4.89 3.27 3.60 4.23 3.76 1.8 3 27 3 27 3.45 3.61 3.71 3.72 4 0.8 4 28 4.88 4.65 4 23 3.76 19 3.27 3.26 3.50 3.60 3.71 3.72 4.07 4.30 4.87 4.64 4.21 3.74 3.73 3.25 3.70 3.73 4.07 4.65 20 3.26 3.52 3.60 4.31 4.86 4.20 21 3.24 3.26 3.51 3.61 3.70 3.72 4.09 4.33 4.85 4.27 3.70 3.70 3.71 22 3.23 3.27 3.51 3.63 4.08 4.36 4.84 4.64 4.25 23 3.25 3.21 3.48 4.39 4.64 4.22 3.65 4.08 4.89 3.21 3.75 24 3.47 3.70 4.10 4.41 4.87 4.63 4.24 3.71 3.26 3.66 3.67 3.70 4.60 2.6 3.18 3.21 3.49 3.69 3.70 3.78 4.11 4.46 4.88 4.62 4.21 3.68 27 3.17 3.19 3.48 3.69 3.71 3.80 4.11 4.49 4.88 4.59 4.19 3.68 28 3.70 3.79 4.53 3.67 3.16 3.16 3.55 3.71 4.12 4.88 4.59 4.14 3.57 3.70 3.79 4.56 29 3.12 4.12 4.59 4.15 3.11

3.80

3.82

3.72

3.82

3.65

95,600

+13,500

4.12

4.00

4.13

3.80

134,400

+38,800

4.59

4.62

4.30

4.62

4.12

195,800

+61,400

4.84

4.83

4.89

4.65

222,300

+26.500

4.56

4.57

4.68

4.83

4.56

190,100

-32,200

4.13

4.12

4.30

4.56

4.12

134,400

-55,700

3.63

3.85

4.11

3.63

73,400

-61,000

CAL YR 2002 MEAN 4.16 MAX 5.11 MIN 2.97 b -65,500 MEAN 3.91 MAX 4.89 MIN 2.97

3.56

3.62

3.33

3.62

3.09

72,300

+52,900

3.71

3.71

3.63

3.71

3.60

82,100

+9,800

3.69

3.72

3.64

Ω

82,100

3.16

3.21

3.33

2.97

19,400

+8.500

30

31

MEAN

MAX

MIN

b

3.09

3.30

3.51

3.09

10,900

-51,600

a Elevation, in feet, at end of month.

b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKES BASIN 10337500 TRUCKEE RIVER AT TAHOE CITY, CA

(Lake Tahoe Interagency Monitoring Program)

 $LOCATION.--Lat\ 39^{\circ}09'59'',\ long\ 120^{\circ}08'36'',\ in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.7,\ T.15\ N.,\ R.17\ E.,\ Placer\ County,\ Hydrologic\ Unit\ 16050102,\ on\ left\ bank,\ 510\ ft\ downstream\ from\ dam\ at\ outlet\ of\ Lake\ Tahoe\ City,\ and\ at\ mi\ 116.2\ upstream\ from\ Marble\ Bluff\ Dam.$

DRAINAGE AREA.--507 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1895 to February 1896, March 1900 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734. Prior to October 1961, published as "at Tahoe."

REVISED RECORDS.--WDR CA-78-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,216.59 ft above NGVD of 1929. Prior to November 12, 1912, nonrecording gage at site 370 ft upstream at different datum. November 12, 1912, to September 30, 1937, nonrecording gage; October 1, 1937, to August 21, 1957, water-stage recorder at datum 2.26 ft higher; and August 22, 1957, to July 10, 1960, at datum 2.42 ft higher; all at site 270 ft upstream.

REMARKS.--Records good. Flow completely regulated by dam at outlet of Lake Tahoe (station 10337000), 510 ft upstream. There are several diversions for irrigation, power, and domestic water supply. In addition, sewer effluent is pumped from the Lake Tahoe basin. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 2,690 ft³/s, January 2, 1997, gage height, 9.59 ft; no flow for parts of many years.

,												
		DIS	CHARGE,	CUBIC FEET		WATER Y	YEAR OCTOBER	2002 TO S	EPTEMBE	R 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	10	e9.0	56	54	57	71	69	81	161	359	267
2	46	10	e8.0	76	53	55	79	69	80	187	358	264
3	41	11	e7.6	83	53	55	74	70	73	219	358	261
4	39	10	e7.5	83	53	54	72	72	64	219	356	265
5	35	10	e7.5	89	52	58	72	73	64	236	352	268
				-								
6	33	9.9	e7.4	89	52	59	71	72	65	240	349	257
7	31	15	e7.3	79	52	59	70	73	66	240	346	239
8	31	28	e7.0	79	52	59	70	73	66	247	351	225
9	29	25	e6.9	82	53	58	69	73	67	261	369	208
10	26	29	e8.1	85	51	58	69	74	67	273	363	202
11	25	30	e7.0	85	54	57	69	74	66	271	355	193
12	21	28	e6.1	81	56	56	69	75	67	270	349	189
13	21	28	e5.8	84	57	57	71	74	67	270	343	185
14	20	27	e6.9	82	58	55	70	71	67	281	335	167
15	20	25	e12	81	58	59	70	77	67	295	333	159
16	19	24	e14	81	58	5.6	69	79	67	312	326	143
17	17	22	15	80	58	55	70	79	68	362	320	135
	17				57							
18 19	16	21 20	15 33	81 81	57	54 54	70 70	80 81	68 67	362 361	319 313	127 120
20	15	20	46	81	61	54	70	8 0	67	360	310	120
21	14	20	41	79	59	54	70	80	67	360	318	114
22	14	20	42	73	59	54	69	82	67	359	327	113
23	13	21	41	60	59	55	69	82	68	361	325	111
24	12	22	38	57	59	54	70	83	68	362	316	106
25	12	30	3 7	53	59	54	70	84	67	360	313	105
26	11	23	37	55	59	57	69	83	76	359	313	101
27	10	23	39	57	59	55	69	84	96	359	302	101
28	9.7	17	40	58	58	53	69	86	96	360	296	97
28	8.2	e11	45	55	58	53	70	82	95	359	296	91
30	5.1	e11 e10	45	53		53	70	80	130	359	274	91
31	8.5	e10	60	53		53		81		359	274	
TOTAL	674.5	599.9	702.1	2271	1570	1724	2110	2395	2194	9384	10212	5023
MEAN	21.8	20.0	22.6	73.3	56.1	55.6	70.3	77.3	73.1	303	329	167
MAX	55	3 0	60	8 9	61	59	79	86	130	362	369	268
MIN	5.1	9.9	5.8	53	51	53	69	69	64	161	274	91
AC-FT	1340	1190	1390	4500	3110	3420	4190	4750	4350	18610	20260	9960
STATIST	rics of M	ONTHLY MEA	AN DATA	FOR WATER	YEARS 1909	- 2003	, BY WATER	YEAR (WY)				
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	180	194	230	238	293	258	177	166	235	276	313	265
MAX	413	1575	2209	2561	2375	2235	1806	1746	1673	1071	638	687
(WY)	1910	1983	1984	1997	1997	1986	1983	1958	1969	1983	1918	1983
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1932	1927	1925	1925	1925	1925	1919	1919	1921	1931	1931	1931
SUMMARY	STATIST	ICS	FOR	R 2002 CALE	NDAR YEAR		FOR 2003 W.F.	TER YEAR		WATER YEA	RS 1909	- 2003
ANNUAL	ΤΟΤΔΤ.			39400.5			38859.5					
ANNUAL				108			106			233		
	C ANNUAL	MEAN		100			100			1150		1983
	ANNUAL M									0.1	5	1994
	DAILY M			379	Jul 26		369	Aug 9		2630		3 1997
	DAILY ME			5.1			5.1	Oct 30		0.0		4 1914
		Y MINIMUM		6.8			6.8	Dec 8		0.0		3 1914
	SEVEN-DA 1 PEAK FL			0.8	DEC 9		378	Aug 9		2690		2 1997
	1 PEAK FL 1 PEAK ST						4.30			2690		2 1997
	RUNOFF (78150			77080	, Aug 9		169000	udii	△ ±27/
	CENT EXCE			297			317			470		
	CENT EXCE			70			68			140		
90 PERC	CENT EXCE	EDS		15			15			0.0	ıu	

e Estimated

10337500 TRUCKEE RIVER AT TAHOE CITY, CA--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.— January 2002 to current year.

INSTRUMENTATION.—Heated tipping-bucket gage.

EXTREMES FOR PERIOD OF RECORD.—Maximum recorded daily precipitation, 2.75 in., November 8, 2002; no precipitation for many days each year.

EXTREMES FOR CURRENT YEAR.—Maximum daily precipitation, 2.75 in., November 8; no precipitation for many days.

PRECIPITATION, INCHES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY SUM VALUES

DAILY SUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.24	0.00	0.16	0.00	0.00	0.00	0.08	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.16	0.00	0.00	0.16	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.31	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.24	0.00	0.00	0.00	0.04
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
8	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
9	0.00	0.63	0.04	0.24	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
10	0.00	0.83	0.04	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.04	0.00	1.02	0.00	0.00	0.00	0.00	0.00
13	0.00	0.04	1.77	0.00	0.28	0.04	1.14	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	1.02	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.24	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	1.38	0.00	0.55	0.00	0.08	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.16	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.08	0.16	0.00	0.00	0.12	0.00	0.00	0.00	0.83	0.00
22	0.00	0.00	0.00	0.28	0.00	0.08	0.00	0.00	0.00	0.00	0.04	0.00
23	0.00	0.00	0.00	0.39	0.00	0.28	0.00	0.00	0.47	0.08	0.00	0.00
24	0.00	0.00	0.00	0.00	0.12	0.00	0.24	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.04	0.47	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.24	0.00	0.12	0.63	0.04	0.00	0.00	0.00	0.12	0.00
27	0.00	0.00	0.12	0.43	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.59	0.00	0.04	0.00	0.20	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.31	0.00		0.00	0.08	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.28	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.39	0.00		0.00		0.00		0.20	0.00	
TOTAL	0.00	5.98	7.52	1.78	1.43	2.29	4.53	0.99	0.47	0.28	1.23	0.04
MAX	0.00	2.75	1.77	0.43	0.55	0.90	1.14	0.31	0.47	0.20	0.83	0.04
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

10337500 TRUCKEE RIVER AT TAHOE CITY, CA--Continued

AIR TEMPERATURE RECORDS

PERIOD OF RECORD.—Water years 1978-81, 1994, 2002 to current year.

CHEMICAL DATA.—Water years 1978–81. WATER TEMPERATURE.—June 1993 to September 1994. AIR TEMPERATURE.—July 2002 to current year.

INSTRUMENTATION.—Air temperature sensor and digital recorder.

REMARKS.—Instrument failure Sept. 24-30.

EXTREMES FOR PERIOD OF RECORD.—Maximum recorded temperature, 32.7°C, July 30, 2003; minimum recorded, -13.9°C, Dec. 24, 2002. EXTREMES FOR CURRENT YEAR.—Maximum temperature, 32.7°C, July 30; minimum, -13.9°C, December 24.

AIR TEMPERATURE, DEGREES C, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCT	OBER	NOV	/EMBER	D	ECEMBER	i	JANUARY	FI	EBRUARY		MARCH
1	8.0	-1.5	5.2	-7.6	6.8	-4.1	-0.1	-10.5	9.9	-5.3	2.1	-4.7
2	9.3	-2.6	11.4	-7.7	7.5	-3.1	6.2	-2.6	1.7	-8.3	7.3	-7.4
3	13.9	-2.3	10.5	-3.7	8.0	-5.2	11.2	-1.9	4.0	-8.0	3.7	-3.7
4	12.8	2.6	11.8	-4.7	8.3	-3.8	10.9	-2.7	4.3	-8.9	3.6	-5.7
5	15.5	0.2	12.8	-4.5	8.7	-3.6	10.9	-3.5	2.2	-8.2	9.2	-6.2
6	18.1	1.3	13.6	-4.3	7.2	-2.4	6.9	-4.1	-2.0	-10.7	9.0	-3.1
7	19.3	1.9	8.2	0.1	7.8	-4.1	10.4	-6.9	-1.2	-10.5	8.6	-5.2
8	18.9	0.4	6.1	1.2	6.1	-6.2	8.8	-5.8	2.1	-13.1	11.9	-5.6
9	22.1	1.9	2.5	-0.7	6.0	-3.1	4.5	-0.7	5.1	-9.9	11.5	-4.4
10	17.4	5.9	2.5	-0.3	3.6	-4.6	3.2	0.1	7.3	-8.0	8.6	-1.5
11	14.3	-1.0	7.4	-1.9	7.1	-6.3	4.7	-2.5	6.8	-3.9	10.7	-2.6
12	15.5	-2.6	11.5	-1.3	8.5	-4.0	8.4	-0.9	5.1	-4.0	12.6	-1.9
13	18.3	-0.7	9.0	-1.0	5.0	0.1	9.0	-1.2	5.8	0.1	12.5	3.9
14	18.9	1.6	9.4	-2.6	8.8	-2.1	8.3	-4.0	6.6	-2.2	8.2	0.8
15	18.7	-0.2	8.3	-4.2	1.6	-2.8	4.6	-7.3	7.9	-1.8	3.0	-4.6
16	17.7	1.3	11.7	-0.9	-0.2	-3.0	5.8	-6.2	0.8	-6.7	4.0	-6.7
17	18.3	1.5	9.2	-2.8	-1.6	-7.0	7.3	-4.5	3.0	-8.0	2.4	-4.9
18	18.6	-1.2	8.4	-3.9	-2.5	-11.8	7.5	-4.4	5.1	-9.4	5.5	-6.8
19	17.2	-1.1	11.9	-2.4	-0.7	-12.6	6.6	-4.2	1.0	-5.4	10.1	-7.3
20	16.9	-1.6	14.1	-1.3	-1.2	-5.8	9.4	-4.6	5.0	-5.8	5.9	-2.0
21	12.1	-1.4	10.3	-1.4	-0.4	-6.9	4.1	-1.5	8.6	-7.1	9.9	-3.3
22	12.9	-1.5	11.5	-0.1	-2.2	-10.5	8.0	0.8	8.8	-4.7	10.6	-0.8
23	12.2	-1.1	10.8	-0.9	-2.0	-13.6	6.3	-0.6	8.9	-7.1	6.3	1.6
24	12.4	-3.3	8.6	-2.8	-0.5	-13.9	4.8	-2.0	4.9	-1.1	9.4	-1.5
25	10.7	1.7	4.1	-1.0	1.4	-11.7	9.3	-0.9	1.8	-2.4	11.3	-2.1
26	12.0	-1.4	8.0	-1.5	2.5	-2.9	6.8	-1.0	3.5	-8.2	6.1	1.0
27	11.8	-1.8	8.6	-1.0	6.4	1.8	9.6	-0.3	1.1	-6.9	6.1	-2.9
28	13.7	-1.8	9.8	-3.8	5.1	-4.0	5.3	-2.6	2.0	-10.9	6.8	-1.1
29	11.4	-3.3	8.8	-5.5	-1.1	-6.9	7.1	-3.5			13.3	-3.1
30	11.0	-4.0	7.0	-4.3	1.2	-6.5	9.2	-1.4			17.1	-1.9
31	12.4	-5.6			0.8	-9.3	9.6	-1.5			15.8	-0.2
MONTH	22.1	-5.6	14.1	-7.7	8.8	-13.9	11.2	-10.5	9.9	-13.1	17.1	-7.4

PYRAMID AND WINNEMUCCA LAKES BASIN 10337500 TRUCKEE RIVER AT TAHOE CITY, CA--Continued

AIR TEMPERATURE, DEGREES C, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

			11111 12111	J. 111110112, 2			· oorobbit b	10 02.	TENEDER EU	0.0		
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	API	RIL	MA	Y.	JUNI	Ξ	JUL	·Υ	AUGU	ST	SEPTE	MBER
1	8.2	-4.0	8.7	-3.2	24.5	3.8	21.7	7.9	23.8	11.9	24.2	6.2
2	0.0	-6.3	6.4	1.3	25.9	5.2	22.5	7.8	15.9	10.3	27.4	7.6
3	-1.0	-7.6	5.4	0.6	27.1	6.0	22.9	6.9	22.6	8.7	22.3	10.2
4	-1.8	-9.3	3.9	-1.3	26.7	7.7	26.4	3.3	23.0	10.4	21.5	8.4
5	0.7	-11.1	9.3	-2.9	26.5	5.8	25.8	4.1	21.5	7.5	24.4	9.7
6	3.3	-5.1	9.2	-3.3	26.8	5.4	24.9	4.2	20.6	6.2	24.0	6.7
7	10.4	-5.7	7.2	-0.7	27.7	7.8	24.0	3.3	22.8	4.8	21.1	8.1
8	14.1	-2.9	1.2	-3.1	25.2	7.2	26.1	4.3	22.9	5.7	17.2	6.2
9	13.9	-1.7	3.8	-4.3	22.5	5.5	29.0	5.4	24.8	4.7	14.6	4.3
10	11.2	-1.7	8.8	-1.4	21.5	4.8	26.9	7.7	25.5	7.4	17.6	2.1
11	10.3	2.7	13.2	-2.3	21.0	4.0	28.4	5.7	25.7	10.9	22.4	3.8
12	5.5	-1.4	16.6	-1.3	20.2	2.6	25.8	5.7	25.0	7.7	24.5	6.2
13	0.4	-5.0	19.1	0.0	20.2	4.2	26.2	7.3	25.1	8.2	19.2	4.3
14	2.8	-6.0	17.9	2.2	23.6	2.1	27.8	5.5	26.8	6.6	24.6	3.8
15	4.2	-8.6	16.1	0.2	24.8	2.3	28.0	5.4	27.2	9.6	21.8	5.5
16	3.0	-3.0	16.8	-2.1	27.6	7.7	28.2	8.9	26.7	8.1	18.8	3.6
17	4.8	-1.4	16.9	-0.9	27.9	9.2	30.2	9.7	28.6	7.5	15.2	0.8
18	5.4	-2.5	17.1	-2.6	24.4	9.3	28.9	10.5	30.0	9.0	20.1	0.8
19	8.4	-1.2	16.0	-2.1	20.4	4.7	31.4	13.9	28.2	10.7	22.6	2.4
20	8.8	-2.9	20.8	-0.2	18.1	4.0	29.8	14.2	27.3	10.5	23.2	2.9
21	2.9	-3.4	23.2	1.8	18.0	2.0	31.3	12.8	18.3	12.9	25.0	3.6
22	7.2	-4.5	24.6	2.5	17.8	1.3	32.0	11.9	20.0	9.8	25.0	4.5
23	7.0	-3.0	25.3	3.9	12.7	1.5	26.1	14.9	23.5	7.2	26.2	5.1
24	2.8	-1.8	22.5	4.4	18.2	0.1	27.0	13.8	26.1	8.3		
25	2.1	-3.8	18.1	5.3	22.5	2.0	25.5	11.2	27.8	6.7		
26	4.8	-4.8	21.6	3.3	25.7	4.4	26.7	9.8	21.6	11.1		
27	5.9	-3.2	27.3	4.1	27.5	6.2	26.9	12.2	24.5	8.7		
28	3.6	-2.9	27.4	6.3	29.0	7.7	30.1	10.6	24.1	8.4		
29	3.1	-2.2	26.7	7.7	24.3	7.5	31.9	12.2	24.1	6.2		
30	7.5	-5.6	21.7	8.0	23.3	3.2	32.7	13.6	27.0	5.8		
31			22.7	3.4			26.4	14.2	22.4	8.8		
MONTH	14.1	-11.1	27.4	-4.3	29.0	0.1	32.7	3.3	30.0	4.7		

10337500 TRUCKEE RIVER AT TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1978 to September 1980, June 1983, December 2000 to September 2001.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1993 to September 1994.

REMARKS.--In December 2000, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor nutrient and sediment outflow from Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 22.0°C, July 24, 27, August 2, 1993; minimum, freezing point on several days in February, 1994.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

									Ammonia	Ammonia		¹ Nitrite	Ortho-
					Dis-	Specif.			+	+		+	phos-
		Instan-	Baro-		solved	conduc-			org-N,	org-N,	Ammonia	nitrate	phate,
		taneous	metric	Dis-	oxygen,	tance,	Temper-	Temper-	water,	water,	water,	water	water,
		dis-	pres-	solved	percent	wat unf	ature,	ature,	fltrd,	unfltrd	fltrd,	fltrd,	fltrd,
Date	Time	charge,	sure,	oxygen,	of sat-		air,	water,	mg/L	mg/L	mg/L	mg/L	mg/L
		cfs	mm Hg	mg/L	uration	25 degC	deg C	deg C	as N	as N	as N	as N	as P
		(00061)	(00025)	(00300)	(00301)	(00095)	(00020)	(00010)	(00623)	(00625)	(00608)	(00631)	(00671)
DEC 2002													
05	1215	7.5	610	10.4	106	93		6.5	.10	.11	.004	.002	.001
MAR 2003													
21	1030	54	610	10.2	105	92	5.5	7.0	.04	.06	< .003	.003	.001
JUN													
17	1010	68	609	8.2	106	92	18.0	16.5	.09	.09	< .003	.002	.001
SEP													
19	1550	120	608	8.0	108	92		18.8	.05	.09	< .003	.002	.001

			Sus-	
			pended	Sus-
	Phos-	Phos-	sedi-	pended
	phorus,	phorus,	ment	sedi-
	water,	water,	concen-	ment
Date	fltrd,	unfltrd	tration	load,
	mg/L	٥.	mg/L	tons/d
	(00666)	(00665)	(80154)	(80155)
DEC 2002				
05	.005	.006	1	.02
MAR 2003				
21		.005	< 1	< .15
JUN				
17	.005	.007	1	.18
SEP				
19	.004	.008	1	.32

Remark Codes Used in This report:

< -- Less than

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

10338000 TRUCKEE RIVER NEAR TRUCKEE, CA

LOCATION.--Lat 39°17'17", long 120°12'16", in SW $^{1}/_{4}$ NE $^{1}/_{4}$ sec.28, T.17 N., R.16 E., Placer County, Hydrologic Unit 16050102, Tahoe National Forest, on left bank 1.4 mi downstream from Cabin Creek, 2.5 mi southwest of Truckee, and at mi 103.62 upstream from Marble Bluff Dam.

DRAINAGE AREA.--553 mi².

PERIOD OF RECORD.--December 1944 to September 1961, June 1977 to September 1982, October 1992 to September 1995, October 1996 to current year. Monthly discharge only for some periods, published in WSP 1314.

CHEMICAL DATA: Water years 1951-66.

SPECIFIC CONDUCTANCE: July 1977 to September 1982.
WATER TEMPERATURE: July 1977 to September 1982, March 1993 to September 1994.

REVISED RECORDS .-- WDR CA-77-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,857.66 ft above NGVD of 1929.

REMARKS.--Records good. Flow regulated by Lake Tahoe (station 10337000), operating capacity, 744,600 acre-feet. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 11,900 ft³/s, January 2, 1997, gage height, 9.97 ft, from rating curve extended above 3,100 ft³/s on basis of slope-area measurements at gage heights 7.62 ft and 7.92 ft; minimum daily, 3.4 ft³/s, several days in August 1994.

	,	DIS	CHARGE,	CUBIC FEET		WATER LY MEAN	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003	,	8
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	9.2	22	99	184	89	260	183	504	221	361	266
2	56	9.0	22	117	171	87	244	187	507	231	364	265
3	47	8.8	21	130	154	88	217	204	493	267	362	265
				122		87	205	228	495	262	358	
4	45	8.4	20		145							264
5	43	8.2	20	125	134	88	186	219	444	275	354	272
6	40	7.9	20	135	125	91	177	225	420	281	351	261
7	39	13	19	121	116	93	176	224	444	277	346	242
8	37	231	18	119	108	94	189	227	430	277	346	230
9	36	151	19	123	104	95	205	208	396	287	368	210
10	33	69	20	130	99	98	216	203	359	301	362	207
11	31	57	18	130	98	102	232	212	317	299	353	195
12	29	59	17	123	98	113	246	239	291	296	348	195
13	26	71	59	125	108	139	240	292	272	291	340	191
14	25	66	358	126	108	161	214	375	250	297	334	173
15	24	56	121	116	106	234	204	440	235	315	332	169
16	22	49	91	116	109	174	192	428	241	317	327	152
17	21	44	93	118	99	151	189	399	256	380	324	145
18	20	42	72	117	96	140	186	387	251	377	320	136
19	20	40	53	119	96	134	187	375	217	374	315	133
20	20	40	72	124	97	134	194	395	197	375	308	129
21	18	42	86	128	95	131	203	467	182	373	325	122
22	17	42	82	137	95	142	191	540	169	369	335	119
23	16	41	83	259	94	264	191	623	164	379	328	118
24	15	38	79	251	95	226	223	655	156	373	319	115
25	14	40	74	191	94	207	209	592	149	368	321	112
26	14	41	67	183	93	414	203	530	148	365	318	110
27	13	32	104	241	92	326	195	582	178	364	308	106
28	12	30	137	263	90	254	196	661	178	363	300	104
29	12	25	104	205		226	190	664	172	359	286	100
3 0	10	23	94	179		226	182	649	182	359	277	98
31	10		90	176		247		541		361	274	
TOTAL	824	1393.5	2155	4648	3103	5055	6142	12154	8697	10033	10264	5204
	26.6						205	392	290	324	331	
MEAN		46.5	69.5	150	111	163						173
MAX	59	231	358	263	184	414	260	664	507	380	368	272
MIN	10	7.9	17	99	90	87	176	183	148	221	274	98
AC-FT	1630	2760	4270	9220	6150	10030	12180	24110	17250	19900	20360	10320
STATISTI	CS OF N	ONTHLY MEA	AN DATA	FOR WATER	YEARS 1945	- 200	3, BY WATER	YEAR (WY)			
MEAN	195	201	281	331	359	339	400	557	480	309	290	256
MAX	387	551	1483	3190	2537	1421	1734	2403	1843	635	492	453
(WY)	1948	1951	1997	1997	1997	1952	1958	1958	1998	1998	1959	1954
MIN	7.27	11.3	14.2	8.82	12.2	58.1	98.3	122	34.5	6.40	3.56	4.72
(WY)	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994
SUMMARY	STATIST	rics	FOI	R 2002 CALI	ENDAR YEAR		FOR 2003 WA	TER YEAR		WATER YEAR	S 1945 -	- 2003
ANNUAL T	TOTAL			67646.5	5		69672.5					
ANNUAL M	MEAN			185			191			338		
HIGHEST	ANNUAL	MEAN								941		1997
LOWEST A										32.4		1994
HIGHEST				498	Apr 14		664	May 29		8900	Jan 1	
LOWEST D				7.9			7.9	Nov 6		3.4	Aug 18	
		AY MINIMUM		8.8			8.8	Oct 31		3.4	Aug 22	
MAXIMUM				0.0			827	May 29		11900	Jan 2	
MAXIMUM							2.76					1997
				124000				may 29		9.97	uall 2	177/
ANNUAL F				134200			138200			244600		
10 PERCE				372			368			552		
50 PERCE				153			174			246		
90 PERCE	ENT EXCE	EEDS		24			24			52		

PYRAMID AND WINNEMUCCA LAKES BASIN 10338400 DONNER LAKE NEAR TRUCKEE, CA

LOCATION.—Lat 39°19'30", long 120°16'53", in SE 1 / $_{4}$ NW 1 / $_{4}$ sec.14, T.17 N., R.15 E., Nevada County, Hydrologic Unit 16050102, on north shore, 2.5 mi upstream from outlet gates, and 4.9 mi west of Truckee.

DRAINAGE AREA.--14.0 mi².

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--January 1989 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Westpac Utilities).

REMARKS.--Lake levels regulated by a concrete dam at the outlet constructed in 1928. Usable capacity, 9,490 acre-ft between elevations 5,923.8 and 5,935.8 ft, maximum storage level. Water is used for irrigation and power development downstream. Records, including extremes, represent usable contents. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 12,800 acre-ft, January 2 1997, elevation, 5,938.64 ft; minimum, 2,510 acre-ft, January 24, 28-31, 1991, elevation, 5,927.23 ft.

EXTREMES FOR CURRENT YEAR.—Maximum contents, 9,750 acre-ft, May 24, elevation, 5,936.09 ft; minimum, 3,260 acre-ft, December 12, elevation, 5,928.20 ft.

			(В		able (elevation e provided by							
	5,923. 5,926. 5,928.	0 1,	0 600 120	5,930 5,932	4,69 6,31		5,934 5,936	7,970 9,670		5,938 5,940	12,000 14,700	
		F	RESERVOIR	STORAGE (A	CRE-FEET) DAILY OBSE	, WATER YE			SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5600	5330	3550	4000	e4390	3680	4660	5880	9360	9550	9300	8880
2	5540	5360	3530	3980	e4380	3670	4650	6010	9380	9550	9300	8870
3	5540	5290	3410	3890	4330	3650	4580	6190	9470	9540	9290	8850
4	5540	5270	3380	3870	4270	3630	4550	6380	9550	9550	9270	8850
5	5530	5230	3330	3830	4230	3620	4460	6520	9590	9540	9260	8830
6	5530	5240	3320	3810	4180	3600	4400	6660	9610	9540	9230	8810
7	5510	5290	3340	3780	4120	3590	4340	6800	9620	9530	9210	8780
8	5510	5460	3320	3770	4080	3590	4320	6940	9620	9530	9190	8750
9	5480	5390	3320	3770	4040	3590	4320	7050	9580	9520	9170	8710
10	5480	5330	3320	3790	4000	3590	4340	7150	9550	9510	9150	8660
11	5460	5180	3320	3780	3960	3590	4370	7280	9550	9500	9120	8570
12	5480	5050	3260	3760	3930	3620	4510	7470	9570	9490	9100	8460
13	5460	4960	3460	3750	3950	3690	4600	7720	9590	9470	9090	8350
14	5460	4780	3850	3730	3940	3810	4520	8070	9590	9460	9070	8240
15	5500	4640	4010	3710	3930	4020	4460	8410	9590	9440	9050	8130
16	5430	4460	4120	3700	3950	4030	4420	8690	9600	9430	9040	8010
17	5430	4330	4100	3740	3930	4020	4420	8920	9600	9420	9030	7900
18	5450	4230	4060	3700	3900	3990	4450	9100	9590	9410	9010	7800
19	5430	4090	4040	3670	3870	3980	4510	9190	9560	9400	8990	7690
20	5380	4040	4020	3660	3840	3970	4600	9300	9540	9400	8990	7590
21	5370	3990	3990	3700	3820	3970	4710	9470	9500	9400	9030	7490
22	5380	3910	3910	3770	3800	4020	4800	9630	9470	9390	9010	7390
23	5400	3870	3860	4060	3770	4230	4880	9730	9470	9380	8990	7300
24	5400	3820	3820	4150	3760	4280	5090	9750	9470	9370	8990	7200
25	5410	3720	3780	4190	3740	4300	5270	9570	9490	9350	8970	7100
26	5380	3710	3770	4220	3730	4690	5380	9460	9520	9340	8970	6990
27	5370	3670	3870	e4340	3720	4710	5470	9520	9530	9330	8960	6880
28	5340	3630	3990	e4430	3710	4670	5600	9620	9540	9310	8940	6780
29	5350	3590	3970	e4420		4610	5700	9650	9540	9310	8920	6680
3 0	5320	3550	4010	e4420		4600	5780	9620	9550	9290	8910	6580
31	e5320		4060	e4410		4610		9490		9300	8890	
MAX	5600	5460	4120	4430	4390	4710	5780	9750	9620	9550	9300	8880
MIN	5320	3550	3260	3660	3710	3590	4320	5880	9360	9290	8890	6580
a		5928.58	5929.21		5928.77	5929.90	5931.37	5935.80	5935.87	5935.58	5935.10	5932.34
b	-370	-1770	+510	+350	-700	+900	+1170	+3710	+60	-250	-410	-2310

CAL YR 2002 MAX 9620 MIN 3260 b +530 WTR YR 2003 MAX 9750 MIN 3260 b +890

e Estimated

a Elevation, in feet, at end of month. b Change in contents, in acre-feet

$10338400\ \ DONNER\ LAKE\ NEAR\ TRUCKEE,\ CA--Continued$

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 2001 to current year.

INSTRUMENTATION.—Heated tipping-bucket gage.

REMARKS.— Insrument failure November 7-11.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily precipitation, 3.20 in., December 13, 2002; no precipitation for many days.

PRECIPITATION, INCHES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

			FRECIFI	IAIION, IN	CHES, WAII			TO SEFTER	IDEN 2005			
					DA1	LY SUM VA	LUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.35	0.00	0.31	0.00	0.00	0.00	0.07	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.20	0.00	0.00	0.28	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.47	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.19	0.00	0.00	0.00	0.04
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
7	0.00		0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
8	0.00		0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
9	0.00		0.11	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00		0.08	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00		0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.08	0.00	0.15	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	3.20	0.00	0.66	0.04	1.48	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	2.03	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.54	0.00	0.04	1.33	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	1.87	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.31	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.43	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.19	0.00	0.00	0.08	0.04	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.08	0.28	0.00	0.00	0.11	0.00	0.00	0.00	0.58	0.00
22	0.00	0.00	0.00	0.74	0.00	0.67	0.00	0.00	0.00	0.00	0.08	0.00
23	0.00	0.00	0.00	0.70	0.00	0.50	0.00	0.00	0.19	0.00	0.00	0.00
24	0.00	0.00	0.00	0.04	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.04	0.00	0.08	0.78	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.31	0.00	0.16	0.82	0.00	0.00	0.00	0.00	0.16	0.00
27	0.00	0.00	0.78	0.35	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.70	0.00	0.04	0.00	0.47	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.43	0.00		0.00	0.07	0.00	0.00	0.00	0.00	0.00
3 0	0.00	0.04	0.20	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.70	0.00		0.00		0.00		0.20	0.00	
TOTAL	0.00		11.96	3.16	1.99	4.60	6.82	1.14	0.19	0.20	1.17	0.05

10338500 DONNER CREEK AT DONNER LAKE, NEAR TRUCKEE, CA

LOCATION.—Lat 39°19'25", long 120°14'00", in SW ¹/₄ NW ¹/₄ sec.17, T.17 N., R.16 E., Nevada County, Hydrologic Unit 16050102, in Donner Memorial State Park, on left bank, 10 ft downstream from bridge on Donner Memorial State Park road, 0.2 mi downstream from outlet of Donner Lake, 0.7 mi upstream from Cold Creek, and 2.5 mi west of Truckee.

DRAINAGE AREA.--14.3 mi²

OCT

13

77

5 22

76

L 7 01

9 16

4.1

1.8

DAY

2

3

PERIOD OF RECORD.--November 1909 to August 1910, January 1929 to October 1935, January 1936 to March 1938, July to October 1938, January 1939 to February 1943, June 1943 to December 1953, May 1955 to December 1957, October 1958 to current year. Monthly discharge only prior to October 1958, published in WSP 1314 and 1734.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

NOV

2.5

2.0

1.7

5.9

15

14

13

42

40

39

71

70

67

GAGE.--Water-stage recorder and concrete control, completed October 3, 1989. Datum of gage is 5,924.40 ft above NGVD of 1929. November 1, 1909, to August 31, 1910, nonrecording gage at different datum. January 1929 to December 1957, water-stage recorder at same site at unknown datum.

REMARKS.--Records good. Flow completely regulated at dam at outlet of Donner Lake (station 10338400) since 1928. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 863 ft³/s, January 2, 1997, gage height, 6.69 ft; no flow at times in many years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAILY MEAN VALUES

MAR

2.7

25

25

96

96

93

MAY

3.6

3.6

3.7

3 231 4 - -- 18.9(.)53 7

252

129

78

JUL

2.3

2.7

3.1

2.7

e2.3

e2.3

2.3

5--- --

277

9 231

2.8

3.3

3.3

3.2

5	0.63	13	11	37	60	23	85	3.9	83	2.8	2.0	3.1	
6	0.45	32	11	35	56	23	79	3.9	83	2.8	2.2	3.0	
7	1.0	64	11	34	53	22	73	3.9	83	2.8	2.4	2.8	
8	1.9	85	10	33	50	22	71	3.9	82	2.8	2.4	5.0	
9	2.3	82	9.4	32	47	22	70	3.8	83	2.9	3.2	9.4	
10	2.0	79	9.1	32	45	22	71	3.9	71	2.9	4.2	20	
11	1.8	76	9.1	33	42	22	73	3.9	4.8	2.9	2.3	41	
12	1.6	72	9.1	32	40	23	78	3.8	32	2.7	2.3	51	
13	1.6	69	12	32	4 0	25	90	3.9	27	2.8	2.2	51	
14	2.0	80	31	32	40	31	8.9	4.7	27	2.4	2.2	50	
15	2.1	87	43	31	39	43	85	5.4	27	1.9	2.2	51	
16	2.0	82	50	3 0	41	48	70	9.7	27	1.8	2.2	51	
17	1.7	70	52	3 0	3 9	48	51	20	27	1.8	2.3	52	
18	1.8	61	48	29	38	46	35	3 9	28	1.9	2.6	52	
19	1.7	55	45	29	36	4.5	21	69	28	1.8	2.8	51	
20	1.5	49	43	28	35	45	12	86	27	1.6	2.9	51	
21	2.3	43	41	29	33	44	8.4	87	27	1.5	2.8	51	
22	3.1	39	3 9	30	32	4.5	6.5	123	27	1.5	2.9	50	
23	2.8	35	36	42	31	56	3.8	211	20	1.9	3.0	50	
24	2.4	31	33	56	30	64	1.7	277	9.1	2.6	3.0	52	
25	2.3	28	31	59	29	67	1.3	347	4.1	2.6	2.6	54	
26	2.0	25	29	61	28	8.5	1.3	277	2.4	2.6	2.4	55	
27	1.7	22	31	65	28	101	1.1	189	2.3	2.5	2.4	55	
28	2.3	19	36	75	27	99	1.5	169	2.7	2.6	2.4	54	
29	3.2	18	41	76		95	2.5	200	2.7	2.5	3.0	53	
3 0	3.5	16	41	73		92	3.6	255	2.4	2.4	3.4	53	
31	3.3		44	71		92		277		2.5	3.4		
TOTAL	75.28	19(2.)18	.8.9(45)	18.9()18	.9(78.9	()18.	9()16	21TJT*[()18.9(44)	18.9()1	L8.9(121T	JT*1)18.9(-)18.9(1)1

55

10338700 DONNER CREEK AT HIGHWAY 89, NEAR TRUCKEE, CA

 $LOCATION.-Lat\ 39^{\circ}19'16'',\ long\ 120^{\circ}12'25'',\ in\ NE\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.16,\ T.17\ N.,\ R.16\ E.,\ Nevada\ County,\ Hydrologic\ Unit\ 16050102,\ on\ right\ bank,\ 50\ ft\ upstream\ from\ State\ Highway\ 89\ bridge,\ 0.5\ mi\ upstream\ from\ mouth,\ and\ 1.4\ mi\ southwest\ of\ Truckee.$

DRAINAGE AREA.--29.1 mi².

PERIOD OF RECORD.--March 1993 to current year. WATER TEMPERATURE: August 1993 to September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 5,870 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. About half the drainage area is regulated at dam at outlet of Donner Lake (station 10338400) 2.0 mi upstream. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, about 2,500 ft³/s, January 2, 1997, gage height, 12.76 ft, backwater from debris, on the basis of the flood routing the peak discharge between Truckee River near Truckee and Truckee River above Prosser Creek; minimum daily, 2.3 ft³/s, August 21, 22, 1994.

		DISC	CHARGE, C	UBIC FEET PE		WATER YE Y MEAN VA		2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	5.0	20	63	139	43	197	46	525	31	7.3	5.5
2	6.9	4.8	19	60	130	42	179	48	404	29	7.9	5.5
3	4.2	4.5	18	57	120	41	165	55	328	28	8.3	5.4
4	3.9	8.6	17	55	112	39	154	64	319	25	7.4	5.5
5	3.2	17	17	53	105	38	143	61	296	24	6.9	5.3
6	2.9	36	16	52	97	38	134	65	286	22	6.7	5.0
7	3.1	75	16	50	90	37	126	64	298	21	6.9	4.8
8	3.9	129	15	49	85	37	128	66	295	20	6.6	6.3
9	4.4	105	14	48	80	37	133	59	267	19	6.4	9.9
10	4.0	93	15	50	75	37	143	56	230	18	6.3	20
11	3.8	86	14	50	71	39	154	60	186	17	5.8	41
12	3.7	83	14	49	67	43	159	74	160	16	e5.2	55
13	3.8	80	21	50	69	53	163	96	147	15	e4.8	54
14	3.9	91	107	48	70	70	157	129	134	14	4.6	53
15	4.1	99	77	47	67	102	148	157	126	13	4.6	53
16	4.0	93	71	45	67	93	129	160	130	12	4.5	52
17	3.7	80	73	45	63	85	107	168	139	11	4.5	52
18	3.8	70	67	44	60	80	88	185	130	11 10	4.6	51 50
19 20	3.8 3.5	61 54	61 59	44 43	58 56	77 77	71 61	216 253	111 100	9.5	4.6 4.5	50
0.1		4.0	F.6	4.5	F.4		F.0	0.01	0.2	0. 17	<i>c</i> 0	
21	4.1	49	56	45	54	77	58	291	93	9.7	6.0	50
22	5.0	46	52	49	53	82	52	373	85	8.8	5.1	50
23 24	4.8	42 38	47 44	113 124	51 50	150 149	49 54	538 670	74 57	8.7 9.1	4.8 4.7	49 53
25	4.4	34	41	114	48	143	50	725	44	8.5	4.7	55
26	4.2	31	40	116	47	251	51	580	40	8.1	4.8	55
27	4.1	28	54	136	47	222	47	522	42	7.7	4.6	54
28	4.3	25	81	159	45	195	48	562	43	7.5	4.6	53
29	5.3	23	72	141		180	46	626	40	7.2	5.0	52
30 31	5.6 5.5	22	66 66	133 131		181 195	46	685 586	34	6.9 8.9	5.6 5.5	51
31	5.5		00	131		195		566		0.9	5.5	
TOTAL	141.2	1612.9	1350	2263	2076	2933	3240	8240	5163	456.6	173.7	1106.2
MEAN	4.55	53.8	43.5	73.0	74.1	94.6	108	266	172	14.7	5.60	36.9
MAX	15	129	107	159	139	251	197	725	525	31	8.3	55
MIN	2.9	4.5	14	43	45	37	46	46	34	6.9	4.5	4.8
AC-FT	280	3200	2680	4490	4120	5820	6430	16340	10240	906	345	2190
STATIST	CICS OF N	MONTHLY MEA	AN DATA F	OR WATER Y	EARS 1993	- 2003,	BY WATER	YEAR (WY)				
MEAN	30.4	25.7	42.7	85.6	73.7	103	145	234	159	45.2	10.2	41.2
MAX	49.0	53.8	201	438	200	251	220	379	398	180	38.1	60.2
(WY)	2000	2003	1997	1997	1996	1995	1993	1995	1995	1995	1995	1993
MIN	4.55	8.35	9.73	8.37	11.6	30.9	39.8	64.8	12.4	4.48	3.24	11.6
(WY)	2003	1994	2000	2001	1994	1994	1994	1994	2001	2001	1994	2000
SUMMARY	STATIST	rics	FOR	2002 CALEN	DAR YEAR	F	FOR 2003 WA	TER YEAR		WATER YEAR	RS 1993	- 2003
ANNUAL	TOTAL			20570.3			28755.6					
ANNUAL	MEAN			56.4			78.8			80.4		
HIGHEST	ANNUAL	MEAN								142		1995
	ANNUAL N									25.9		1994
	DAILY N				Apr 14			May 25		2380		2 1997
	DAILY ME				Oct 6			Oct 6		2.3	_	1 1994
		AY MINIMUM		3.6	Oct 5		3.6			2.5	_	9 1994
	I PEAK FI						934	May 24		2500		2 1997
	I PEAK ST							May 24			5 Jan	2 1997
	RUNOFF			40800			57040			58230		
	ENT EXC			137			161			200		
	ENT EXC			41			50			44		
90 PERC	ENT EXC	FEND		4.1			4.8			6.6		

e Estimated

10339400 MARTIS CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'44", long 120°07'00", in NE $^1/_4$ NW $^1/_4$ sec.17, T.17 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank 0.2 mi downstream from Martis Creek Lake Dam, 1.8 mi upstream from mouth, and 3.5 mi east of Truckee. DRAINAGE AREA.--39.9 mi 2 .

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1958 to November 1990, June 1993 to current year.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,730 ft above NGVD of 1929, from topographic map. Prior to July 10, 1972, at site 1.0 mi downstream at different datum.

REMARKS.--Records good. Flow is completely regulated by Martis Creek Lake (station 10339380) since October 7, 1971. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 1,880 ft³/s, February 1, 1963, gage height, 6.16 ft, site and datum then in use; minimum, 1.3 ft³/s, July 30, 1961. Maximum discharge since construction of Martis Creek Lake Dam in 1971, 663 ft³/s, February 28, 1986, gage height, 5.66 ft; maximum gage height, 6.01 ft, April 2, 1974; minimum daily, 0.20 ft³/s, November 9–14, 1977.

		DIS	SCHARGE,	CUBIC FEET		, WATER LY MEAN	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	4.6	6.8	15	51	15	49	37	21	5.3	4.9	3.8
2	4.0	4.6	6.8	15	50	14	48	37	20	5.2	7.6	3.9
3	4.1	4.7	6.6	15	36	14	45	41	18	5.2	6.5	3.9
4	4.3	4.9	6.7	14	28	14	42	47	16	5.2	5.5	5.2
5	4.4	5.1	6.6	e15	23	14	40	43	15	5.2	4.8	8.1
6	4.3	5.0	6.8	15	21	15	37	41	14	5.2	4.3	5.7
7	4.2	6.8	6.8	13	18	16	34	40	13	5.2	4.2	4.6
8	4.1	37	6.5	13	16	17	34	40	12	5.0	4.2	4.1
9	4.1	40	6.8	13	16	17	34	3.9	11	5.1	4.0	4.1
10	4.1	20	7.1	14	15	18	3 4	36	11	5.1	3.7	4.2
11	3.8	15	7.1	14	15	20	35	35	10	5.1	3.5	3.7
12	3.8	12	7.1	14	14	23	3 9	35	10	5.0	3.4	4.7
13	3.9	12	9.1	15	17	27	48	37	9.6	4.9	3.1	4.3
14	4.0	11	29	16	21	40	44	41	9.3	4.9	3.4	4.1
15	4.0	9.6	21	15	21	66	46	45	9.0	4.8	3.4	4.0
16	4.0	8.8	17	13	24	73	46	45	8.8	4.6	3.4	3.8
17	3.9	7.9	11	13	20	72	50	42	8.3	4.6	3.3	3.6
18	4.0	7.5	10	12	17	70	54	41	8.0	4.6	3.4	3.9
19	4.0	7.4	11	12	17	47	48	39	7.7	4.5	3.5	4.1
20	4.1	7.3	11	e12	16	3 9	47	37	7.4	4.5	2.4	4.1
21	4.1	7.3	11	13	16	36	48	37	7.1	4.5	3.3	4.1
22	4.2	7.0	12	14	16	36	45	38	7.2	4.5	6.1	4.1
23	4.3	6.9	11	36	15	53	43	40	7.7	4.9	5.4	4.2
24	4.5	6.9	10	61	17	57	44	41	8.9	6.2	4.4	4.1
25	4.5	6.7	e9.8	46	16	51	46	39	7.8	5.4	4.1	3.9
26	4.4	6.5	e10	40	15	62	48	36	7.1	4.9	4.1	3.9
27	4.4	6.5	14	54	16	71	47	33	6.7	4.5	4.1	3.9
28	4.4	6.5	e30	69	15	64	43	32	6.2	4.4	3.8	3.9
29	4.4	6.2	29	48		49	41	29	5.6	4.2	3.6	4.1
3 0	4.5	6.2	22	39		45	39	26	5.3	4.1	3.7	4.1
31	4.5		17	38		47		24		4.0	3.7	
TOTAL	129.2	297.9	376.6	736	582	1202	1298	1173	308.7	150.8	128.8	128.2
MEAN	4.17	9.93	12.1	23.7	20.8	38.8	43.3	37.8	10.3	4.86	4.15	4.27
MAX	4.5	40	3 0	69	51	73	54	47	21	6.2	7.6	8.1
MIN	3.8	4.6	6.5	12	14	14	34	24	5.3	4.0	2.4	3.6
AC-FT	256	591	747	1460	1150	2380	2570	2330	612	299	255	254

e Estimated

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

STATISTICS	OF MONT	HLY MEAN	DATA FOR	WATER YE.	ARS 1959 -	1971, BY	WATER YE	EAR (WY)			
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
MEAN	0.5	10.0	10 5	20.6	0.0	26 5	60.0	F0 F	00.6	c 40	4 00

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	8.05	12.0	18.5	30.6	28.0	36.5	60.2	59.5	22.6	6.40	4.90	5.51
MAX	16.4	18.0	86.5	116	83.4	78.8	148	202	96.6	18.0	10.8	10.1
(WY)	1963	1971	1965	1970	1963	1967	1969	1967	1967	1967	1967	1967
MIN	3.73	4.81	5.38	4.28	9.60	11.1	15.4	9.80	3.21	1.79	1.81	2.37
(WY)	1962	1962	1962	1962	1964	1961	1961	1961	1960	1961	1964	1960
SUMMAR	Y STATIST	ICS		WA	rer year:	S 1959 - 1	971					
ANNUAL	MEAN				24.4							
HIGHES	T ANNUAL	MEAN			47.2	1	969					
LOWEST	ANNUAL M	EAN			6.89	1	961					
HIGHES	T DAILY M	EAN		!	903	Jan 31 1	963					
LOWEST	DAILY ME.	AN			1.3	Jul 30 1	961					
ANNUAL	SEVEN-DA	Y MINIMUM			1.4	Jul 29 1	961					
MAXIMU	M PEAK FL	OW		18	880	Feb 1 1	963					
MAXIMU	M PEAK ST.	AGE			6.16	Feb 1 1	963					
ANNUAL	RUNOFF (.	AC-FT)		17	650							
	CENT EXCE				57							
	CENT EXCE				11							
90 PER	CENT EXCE	EDS			2.7							
STATIS	TICS OF M	ONTHLY MEA	AN DATA FO	OR WATER	YEARS 19	72 - 2003,	BY WATER	YEAR (WY)				
MEAN	8.95	16.1	20.3	29.4	35.0	46.5	52.0	55.5	33.7	13.9	9.73	8.77
MAX	20.8	80.0	95.5	214	149	181	139	219	169	75.0	76.0	40.2
(WY)	1983	1984	1982	1997	1986	1986	1982	1983	1983	1986	1995	1995
MIN	3.09	1.57	1.25	6.42	8.10	8.35	8.52	7.40	3.96	2.67	2.01	2.40
(WY)	1972	1978	1978	1978	1994	1974	1980	1994	1994	1994	1994	1994
SUMMAR	Y STATIST	ICS	FOR 2	2002 CALE	NDAR YEAI	R F	OR 2003 W	ATER YEAR		WATER YEARS	3 1972	- 2003
	TOTAL			5061.3			6511.2					
ANNUAL				13.9			17.8	1		27.5		
	T ANNUAL									74.5		1983
	' ANNUAL M									6.90		1977
HIGHES	T DAILY M	EAN		64	Apr !	5	73	Mar 16		626	Mar	1 1986

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1972 - 2003
ANNUAL TOTAL	5061.3	6511.2	
ANNUAL MEAN	13.9	17.8	27.5
HIGHEST ANNUAL MEAN			74.5 1983
LOWEST ANNUAL MEAN			6.90 1977
HIGHEST DAILY MEAN	64 Apr 5	73 Mar 16	626 Mar 1 1986
LOWEST DAILY MEAN	2.5 Aug 13	2.4 Aug 20	0.20 Nov 9 1977
ANNUAL SEVEN-DAY MINIMUM	3.0 Aug 7	3.2 Aug 15	0.21 Nov 9 1977
MAXIMUM PEAK FLOW		79 Jan 28	663 Feb 28 1986
MAXIMUM PEAK STAGE		3.06 Jan 28	6.01 Apr 2 1974
ANNUAL RUNOFF (AC-FT)	10040	12910	19910
10 PERCENT EXCEEDS	33	45	68
50 PERCENT EXCEEDS	8.0	10	12
90 PERCENT EXCEEDS	3.4	4.0	4.3

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD .--

CHEMICAL DATA: Water years 1975-95.
WATER TEMPERATURE: Water years 1975 to current year.
SEDIMENT DATA: Water years 1975-95.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1974 to current year.

INSTRUMENTATION.--Digital water-temperature recorder since October 1974.

REMARKS.—Interruption in the record was due to recording equipment damage caused by vandals. Water temperature is affected by regulation from Martis Creek Lake Dam (station 10339380). Unpublished chemical-quality, water-temperature, and sediment data prior to October 1974, available at the U.S. Geological Survey office in Carson City, NV

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum recorded, 25.5°C, July 11, 12, 1993; minimum recorded, 0.0°C, February 16, 17, 1982, January 11-13, 16, 1995.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 22.0°C, July 10, 11, 14-16; minimum recorded, 1.5°C, January 30.

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

		DEPTH			SAMPLE
		BOTTOM			LOC-
		AT			ATION,
		SAMPLE	SAM-	TEMPER-	CROSS
		LOC-	PLING	ATURE	SECTION
Date	Time	ATION,	DEPTH	WATER	(FT FM
		(FEET)	(FEET)	(DEG C)	L BANK)
		(81903)	(00003)	(00010)	(00009)
NOV					
01*	1445		.30	10.5	2.00
01*	1446		.30	10.5	5.00
01*	1447		.30	10.5	9.00
01*	1448		.30	10.5	11.0
01*	1449		.30	10.5	14.0
MAR					
01*	1045		.30	3.8	2.00
01*	1046		.30	3.8	6.00
01*	1047		.30	3.8	10.0
01*	1048		.30	3.9	14.0
01*	1049		.30	3.9	18.0
AUG					
01*	1440	1.00	.30	23.6	2.00
01*	1442	1.30	.30	22.5	4.00
01*	1446	1.20	.30	23.0	6.00
01*	1448	1.35	.30	23.0	8.00
01*	1450	. 92	.30	22.5	10.0
01*	1452	.67	.30	22.5	12.0
01*	1454	.80	.30	22.5	14.0
01*	1456	.82	.30	23.0	16.0
01*	1458	.80	.30	23.0	18.0
01*	1500	.72	.30	23.6	20.0

^{*} Instantaneous discharge at the time of cross-sectional measurements: Nov. 1, 7.4 ${\rm ft}^3/{\rm s}$; Mar.1, 25 ${\rm ft}^3/{\rm s}$; Aug. 1, $3.3 \text{ ft}^3/\text{s}$.

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCT	OBER	NOVE	EMBER	DECE	MBER	JAN	UARY	FEBR	UARY	MA	RCH
1 2	15.5	12.5	11.0 10.5	10.0 9.5	4.0	3.5	3.0	3.0 2.5	3.5	2.5	4.0	3.0
3	15.5	13.5	10.5		3.5		3.0		3.5	2.5	4.5	3.5
		13.5		9.0		2.0	2.5	2.5	3.5	2.0	4.5	3.5
4 5	15.5 15.0	13.5 13.5	10.5 10.5	9.0 9.0	3.0 3.5	2.5	3.0	2.0	3.5 3.5	2.5	4.5 5.0	3.5 4.0
6	15.0	13.5	10.0	9.0	3.5	3.0	3.0	2.0	3.5	2.5	4.5	4.0
7		13.0	10.0	8.5	3.5	3.0	2.5	2.0	3.5	2.5	4.0	3.0
8	14.5	13.0	9.5	8.0	4.0	3.0	2.5	2.0	3.5	2.5	3.5	2.5
9	14.0	12.5	9.0	8.0	4.0	3.0	3.0	2.5	3.5	2.5	3.5	2.5
10	13.5	12.0	9.0	8.0	4.0	3.0	3.0	2.5	3.5	2.5	3.5	2.5
11	13.0	12.0	8.5	8.0	4.0	3.0	3.5	2.5	3.5	2.5	3.5	2.5
12	13.0	11.5	9.0	8.0	4.0	3.0	3.5	2.5	3.5	2.5	3.5	3.0
13	13.0	11.5	8.5	8.0	4.0	3.0	3.5	2.5	3.0	2.5	4.0	3.0
14	12.5	11.0	8.5	8.0	3.5	3.0	3.5	2.5	3.5	2.5	4.0	3.5
15	12.0	11.0	8.5	8.0	3.5	3.0	3.5	2.5	3.0	2.5	4.0	3.0
16	12.5	11.0	0 E	7.5	4.0	2 0	4.0	2.5	3.5	2.5	4.0	3.0
16 17		11.0	8.5 8.5	7.5	4.0 3.5	3.0	4.0	2.5	3.5	2.5	4.0	3.0
18	12.0	10.5	8.0	7.5	3.5	3.0	4.0	2.5	3.5	2.5	4.0	3.0
19	11.5	10.5	7.5	7.0	4.0	3.0	3.5	2.5	3.0	2.5	4.0	3.0
20	11.5	10.5	7.5	7.0	3.5	3.0	3.5	2.5	3.0	2.5	4.0	3.0
20	11.5	10.5	7.3	7.0	3.3	3.0	3.5	2.5	3.0	2.5	4.0	3.0
21	11.5	10.5	7.0	6.5	3.5	3.0	3.5	2.0	3.0	2.5	4.5	3.5
22		10.5	7.0	6.5	3.5	3.0	3.5	2.0	3.0	2.5	5.0	3.5
23	11.5	10.5	6.5	6.5	3.5	3.0	3.5	2.0	3.0	2.5	5.0	4.0
24	11.0	10.0	6.5	5.0	3.5	3.0	3.5	2.0	3.0	2.5	5.0	4.0
25			5.0	4.5	3.5	3.0	3.5	2.5	3.0	2.5	5.5	4.5
26			5.0	4.0	3.5	3.0	3.0	2.0	3.5	2.5	5.5	4.5
27	11.5	10.0	4.5	4.0	3.5	3.0	3.5	2.0	3.5	2.5	5.5	4.5
28		10.0	4.5	3.5	3.5	3.0	3.0	2.0	4.0	3.0	6.0	4.5
29	11.5	10.0	4.5	3.5	3.5	3.0	3.5	2.0			5.5	4.5
30	11.0	10.0	4.0	3.5	3.5	3.0	3.5	1.5			6.5	5.5
31	11.5	10.0					3.5	2.0			9.0	5.5
										2.0	9.0	
MONTH			11.0	3.5			4.0	1.5	4.0	2.0	3.0	2.5
MONTH		RIL		3.5 MAY	JU		4.0 JU		4.0		SEPT	
	AP	RIL	N	YAN	JU	INE	JU	LY	AUG	UST	SEPT	EMBER
1	AP	RIL		ИАY 	JU 18.5	INE 16.5	JU 21.5	18.0	AUG 21.0	UST 18.0	SEPT	EMBER
1 2	AP 	RIL 	 10.5	 9.0	JU 18.5 19.0	16.5 16.0	JU 21.5 21.5	18.0 18.0	AUG 21.0 21.0	18.0 18.0	SEPT 18.0 17.5	EMBER 15.5 15.5
1 2 3	AP 	RIL 	10.5 12.5	 9.0 9.5	JU 18.5 19.0 19.0	16.5 16.0 16.0	JU 21.5 21.5 21.5	18.0 18.0 18.0	AUG 21.0 21.0 21.0	18.0 18.0 18.0	SEPT 18.0 17.5 20.0	EMBER 15.5 15.5 15.5
1 2 3 4	AP 	RIL 	 10.5 12.5 12.5	9.0 9.5 10.5	JU 18.5 19.0 19.0 19.5	16.5 16.0 16.0 16.5	JU 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0	AUG 21.0 21.0 21.0 21.0	18.0 18.0 18.0 18.0	SEPT 18.0 17.5 20.0 19.5	15.5 15.5 15.5 15.5
1 2 3	AP 	RIL 	10.5 12.5	 9.0 9.5	JU 18.5 19.0 19.0	16.5 16.0 16.0	JU 21.5 21.5 21.5	18.0 18.0 18.0	AUG 21.0 21.0 21.0	18.0 18.0 18.0	SEPT 18.0 17.5 20.0	EMBER 15.5 15.5 15.5
1 2 3 4	AP 	RIL 	 10.5 12.5 12.5	9.0 9.5 10.5	JU 18.5 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5	JU 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0	AUG 21.0 21.0 21.0 21.0	18.0 18.0 18.0 18.0	SEPT 18.0 17.5 20.0 19.5	15.5 15.5 15.5 15.5
1 2 3 4 5	AP	RIL	10.5 12.5 12.5 14.0 14.0	9.0 9.5 10.5 11.0	18.5 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5 16.5	JU 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5	18.0 18.0 18.0 18.0 18.0 18.0	SEPT 18.0 17.5 20.0 19.5 19.5	EMBER 15.5 15.5 15.5 15.5 15.5 15.0
1 2 3 4 5	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0	9.0 9.5 10.5 11.0 11.5 12.0	18.5 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5	18.0 18.0 18.0 18.0 18.0 18.0 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.6	EMBER 15.5 15.5 15.5 15.0 14.5 13.5
1 2 3 4 5 6 7 8 9	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.0	9.0 9.5 10.5 11.0 11.5 12.0 12.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0	16.5 16.0 16.0 16.5 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.5	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0	15.5 15.5 15.5 15.5 15.6 15.0
1 2 3 4 5	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0	9.0 9.5 10.5 11.0 11.5 12.0	18.5 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5	18.0 18.0 18.0 18.0 18.0 18.0 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.6	EMBER 15.5 15.5 15.5 15.0 14.5 13.5
1 2 3 4 5 6 7 8 9	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0	16.5 16.0 16.0 16.5 16.5 16.5 17.0 16.5 16.5	JU 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.0 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0	EMBER 15.5 15.5 15.5 15.0 14.5 13.5 13.5
1 2 3 4 5 6 7 8 9	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 18.5	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.5	JU 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.5 20.0 20.0 20.0 20.0 20.0	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.0 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 18.5	16.5 16.0 16.0 16.5 16.5 16.5 17.0 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0	18.0 18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0	EMBER 15.5 15.5 15.5 15.0 14.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 18.5	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0	18.0 18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.0	16.5 16.0 16.0 16.5 16.5 16.5 17.0 16.5 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 12.0 13.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5 16.5 16.5 17.0 16.5 16.5 16.5 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 14.5 15.5 15.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 12.5 13.0 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.0 19.5 20.0	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.5 16.0 15.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 12.5 12.5 13.0 13.5 14.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.0 19.5 20.0	16.5 16.0 16.0 16.5 16.5 16.5 17.0 16.5 16.5 16.5 16.0 15.5 16.0 16.0	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 14.5 15.5 15.5 15.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 13.0 13.5 14.0 14.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0 14.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 17.0	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 12.0 13.5 14.0 14.5 14.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0 14.0 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 14.5 15.5 15.5 15.5	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 13.0 13.5 14.0 14.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.0 13.5 13.5
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 17.0 17.0 15.0	9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 12.0 13.5 14.0 14.5 14.5 13.5	18.5 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0	16.5 16.0 16.5 16.5 16.5 17.0 16.5 16.5 16.5 16.0 15.5 16.0 16.0 16.0 16.5 17.0 16.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.5 14.0 14.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 17.0 17.0 17.0 14.5	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 14.0 14.5 14.5 14.5 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0	16.5 16.0 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0 16.0 17.0 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.7	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.0 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 15.5 16.0 17.0 17.0 17.0 17.0 17.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 11.5 12.5 13.0 13.5 14.0 14.5 14.5 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0 17.0 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.7 18.0 17.5 18.7 17.0 17.0 17.0 17.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.0 14.0 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 17.0 17.0 17.5 17.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 14.0 13.5 14.5 13.5 13.0 12.5 12.5 12.5	18.5 19.0 19.0 19.5 20.0 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 15.5 16.0 16.0 17.0 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.0 16.5 16.0 16.0 16.5 16.0 16.0 16.5 16.0 16.5 16.0 16.0 16.5 17.0 16.5 16.0 16.5 16.0 16.0 16.5 17.0 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.0 17.0 17.0 17.0 17.0	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.5 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 15.5 16.0 17.0 17.0 17.0 17.0 17.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 11.5 12.5 13.0 13.5 14.0 14.5 14.5 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 16.0 17.0 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.7 18.0 17.5 18.7 17.0 17.0 17.0 17.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.0 14.0 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 15.5 17.0 17.0 17.0 17.5 14.5 14.5 14.5	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 14.0 14.5 14.5 14.5 13.5 13.0 12.5 13.0	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.5 16.0 17.0 16.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.0 16.5 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.5 17.0 17.0 17.0 17.0 17.0 17.0 16.5	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.5 14.0 14.5 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 17.0 17.0 17.5 17.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 14.0 13.5 14.5 13.5 13.0 12.5 12.5 12.5	18.5 19.0 19.0 19.5 20.0 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 15.5 16.0 16.0 17.0 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.0 16.5 16.0 16.0 16.5 16.0 16.0 16.5 16.0 16.5 16.0 16.0 16.5 17.0 16.5 16.0 16.5 16.0 16.0 16.5 17.0 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.0 17.0 17.0 17.0 17.0	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.5 13.5 13.5 13.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.0 14.5 13.5 15.5 15.5 15.5 15.5 17.0 17.0 17.0 15.0 14.5 14.5	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 13.5 14.0 14.5 14.5 13.5 13.0 12.5 12.5 13.0 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2	16.5 16.0 16.5 16.5 16.5 16.5 17.0 16.5 16.5 16.0 15.5 16.0 16.0 17.0 17.5 17.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 17.0 16.0 16.0 16.0 16.0 16.5 17.0 16.0 16.0 16.0 16.0 16.0 16.5 16.0 16.5 16.0 16.0 16.5 16.0 16.0 16.5 16.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 18.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.5 17.0 17.0 17.0 17.0 17.0 17.0 16.5	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.5 13.5 13.5 13.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 13.5 15.5 15.5 15.5 15.5 16.0 17.0 14.5 14.5 17.0 16.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 13.0 13.5 14.0 14.5 13.5 13.0 12.5 13.0 13.5 14.0 13.5 14.0 13.5	18.5 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.0 15.5 16.0 16.0 16.0 17.0 17.5 17.5 17.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 17.0 17.0 17.0 16.5 17.0 17.0 16.5 17.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.5 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.5 13.5 13.5 13.5 13.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 15.5 15.5 15.5 16.0 17.0 17.0 15.0 14.5 14.5 14.5 17.0 17.0 16.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 13.0 13.5 14.0 14.5 13.5 13.0 12.5 13.0 13.5 14.0 14.5 13.5 13.0 12.5 13.0	18.5 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 15.5 16.0 16.0 16.0 17.0 17.5 17.5 17.5 17.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 18.6	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 17.0 17.0 16.5 17.0 16.5 17.0 17.0 16.5 17.0 17.0 16.5 16.0 16.5 17.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.5 17.0 17.0 17.0 17.0 17.0 17.0 16.5	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.5 14.0 14.0 13.5 13.5 13.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.0 14.5 13.5 15.5 15.5 15.5 15.5 15.5 17.0 17.0 17.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.5 12.0 11.5 12.5 13.0 13.5 14.0 14.5 13.5 12.5 13.0 13.5 14.5 13.5	18.5 19.0 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.5 20.0 20.0	16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 16.5 16.0 15.5 16.0 16.0 17.0 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.0 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 16.0 16.5 15.5	SEPT 18.0 17.5 20.0 19.5 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.5 17.0 17.0 17.0 17.0 17.0 17.0 17.0 16.5	15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.5 14.0 14.0 13.5 13.5 13.5 13.5
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	AP	RIL	10.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 15.5 15.5 15.5 16.0 17.0 17.0 15.0 14.5 14.5 14.5 17.0 17.0 16.0	1AY 9.0 9.5 10.5 11.0 11.5 12.0 12.0 12.0 12.5 13.0 13.5 14.0 14.5 13.5 13.0 12.5 13.0 13.5 14.0 14.5 13.5 13.0 12.5 13.0	18.5 19.0 19.5 20.0 20.5 20.0 20.0 19.0 19.0 19.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	16.5 16.0 16.5 16.5 16.5 16.5 16.5 16.5 16.0 15.5 16.0 16.0 16.0 17.0 17.5 17.5 17.5 17.5 17.5 17.5 17.5	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.5 19.0 18.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 18.6	21.0 21.0 21.0 21.0 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	18.0 18.0 18.0 18.0 18.0 16.5 16.5 16.0 16.5 16.5 16.0 16.5 17.0 17.0 16.5 17.0 16.5 17.0 17.0 16.5 17.0 17.0 16.5 16.0 16.5 17.0	SEPT 18.0 17.5 20.0 19.5 19.5 19.0 18.5 18.0 18.0 18.0 18.0 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.5 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	15.5 15.5 15.5 15.5 15.5 15.0 14.5 13.5 13.5 13.5 14.0 14.0 14.0 14.0 14.0 14.5 13.5 13.5 13.5 13.5 13.5

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.—Water years 1975 to current year.

CHEMICAL DATA: Water years 1975-95.

WATER TEMPERATURE: Water years 1975 to current year.

SEDIMENT DATA: Water years 1975-95.

PERIOD OF DAILY RECORD.-

WATER TEMPERATURE: October 1974 to current year.

INSTRUMENTATION.—Digital water-temperature recorder since October 1974.

REMARKS.—Records good. Interruption in record was due to recording equipment failure. Water temperature is affected by regulation from Martis Creek Lake Dam (station 10339380). Unpublished chemical, water-temperature, and sediment data prior to October 1974, available at the U.S. Geological Survey office in Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD.—

WATER TEMPERATURE: Maximum recorded, 25.5°C, July 11, 12, 1993; minimum recorded, 0.0°C, February 16, 17, 1982, January 11–13, 16, 1995, February 10, 1999.

EXTREMES FOR CURRENT YEAR.—

WATER TEMPERATURE: Maximum recorded, 23.0°C, July 28, 30, 31; minimum recorded, 1.0°C, Dec. 16.

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	15.0	11.5	9.0		5.5	4.0					5.0	4.0
2	14.0	11.0	9.0		5.5	4.0					5.5	3.5
3	14.0	10.5	8.5	6.0	5.5	4.0					5.0	4.0
4	14.0	11.0	8.5	5.5	5.5	4.0					5.5	3.5
5	14.0	11.0	8.0	5.5	5.5	4.0			3.5	2.5	5.5	3.5
6	14.0	10.5	8.0	5.5	5.0	4.0			3.5	2.5	5.5	4.0
7	14.5	10.5	7.5	5.5	5.5	4.0			3.5	2.5	5.5	4.0
8	14.0	10.5	6.0	5.5	5.5	4.0			3.5	2.5	5.5	4.0
9	14.0	10.5	6.0	5.0	5.5	4.0			4.0	2.5	6.0	4.0
10	14.5	11.0	5.5	5.0	5.0	4.0			4.0	2.5	5.5	4.5
11	13.5	10.5	6.0	5.0	5.0	4.0			4.0	3.0	6.0	4.5
12	13.5	10.0	6.5	5.0	5.5	4.0			3.5	3.0	6.0	4.5
13	13.5	10.0	6.5	5.5	4.5	4.0			4.0	3.0	6.5	4.0
14	13.0	10.0	6.5	5.0	4.5	3.0			4.0	3.0	5.5	4.0
15	13.0	10.0	6.5	5.0	3.5	3.0			4.0	3.0	5.0	4.5
16	13.0	9.5	6.5	5.0	3.0	1.0			4.0	2.5	5.5	4.5
17	12.5	9.5	6.5	5.0	2.0	1.5			4.0	3.0	5.0	4.5
18	12.5	9.0	6.5	4.5	2.5	1.5			4.0	3.0	5.0	4.5
19	12.5	9.0	6.5	5.0					4.0	3.0	6.5	4.5
20	12.5	9.0	6.5	5.0	2.5	1.5			4.0	3.0	6.5	5.0
21	11.5	9.0	6.5	5.0	2.5	2.0			4.0	3.0	6.5	5.5
22	12.0	9.0	6.0	5.0	2.5	1.5			4.5	3.0	8.0	6.0
23	12.0	8.5	6.5	5.0					4.5	3.0	7.5	6.5
24	11.0	8.5	6.5	5.0					4.5	3.5	8.0	7.0
25	10.5	9.0	6.0	4.5					4.5	3.5	9.5	7.5
26	11.0	8.5	6.0	4.0					5.0	3.5	9.5	8.5
27	11.0	8.5	6.0	4.0					4.5	3.5	8.5	8.0
28	10.5	8.5	5.5	4.0					5.0	3.5	9.0	7.5
29	10.5	8.0	5.5	4.0							8.5	7.5
3 0	10.5	7.5	5.0	4.0							9.5	8.0
31	10.0	7.0									10.5	8.5
MONTH	15.0	7.0	9.0								10.5	3.5

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
	APRIL		MAY		JUN	JUNE		JULY		AUGUST		SEPTEMBER	
1	9.5	8.5	9.5	7.5	19.0	16.5	20.5	16.0	21.5	19.0	20.5	16.0	
2	8.5	7.0	8.5	8.0	19.0	16.5	20.5	16.5	20.5	19.5	20.5	16.0	
3	8.5	7.0	9.5	8.0	19.5	16.5	20.5	16.5	22.0	19.0	20.0	16.5	
4	7.5	6.0	9.5	8.0	19.0	17.0	20.5	16.5	22.0	19.0	19.5	16.5	
5	7.0	6.0	10.0	8.5	19.5	16.5	20.5	16.0	22.0	18.0	20.0	17.0	
6	7.0	6.0	10.0		19.5	17.0	20.5	16.0	21.5	18.0	20.0	16.5	
7	8.0	6.0	10.5	9.5	20.5	17.5	20.5		21.5	18.0	19.5	16.5	
8	9.0	6.5	10.0	9.0	20.5	17.5	20.5	16.5	21.0	17.5	19.0	16.0	
9	9.5	7.5	9.0	8.0	20.0	17.5	21.0	16.5	21.0	17.0	18.5	15.5	
10	10.0	8.0	9.5	8.0	20.0	17.5	21.0	16.5	21.0	17.0	19.0	15.0	
11	10.0	8.5	11.0	8.0	20.5	17.5	21.0	16.5	21.0	17.0	19.5	15.0	
12	9.0	8.0	11.5	9.0	19.5	17.0	21.0	16.5	21.0	16.5	18.5	15.0	
13	8.0	7.0	12.5		20.0	17.0	21.5	17.0	22.0	16.5	18.0	14.5	
14	8.0	6.0	13.5	11.0	20.0	17.0	21.5	17.0	21.0	16.5	18.5	14.5	
15	8.5	6.0	14.0	12.0	20.0	17.0	21.5	16.5	21.0	16.5	18.0	14.5	
16	7.5	6.5	14.5		20.0	17.0	21.5	17.0	21.0	16.5	18.0	14.5	
17	7.5	6.5	14.5	12.5	20.5	17.5	22.0	17.0	21.5		17.5	13.5	
18	7.5	6.5			20.5	17.5	22.0	17.5	21.5	16.5	17.5	13.5	
19	9.0	6.5			20.5	17.0	22.0	18.0	21.0	16.5	17.0	13.0	
20	9.5	8.0	15.0		20.5	17.5	22.5	18.0	22.5	16.5	17.5	13.0	
21	10.0	8.5	16.0	13.0	20.0	17.0	22.5	18.0	20.0	17.5	17.0	13.0	
22	9.0	8.0	16.5	14.0	19.5	16.5	22.5	18.0	21.0	18.0	17.0	13.0	
23	9.0	8.0	17.0	14.5	18.0	16.5	22.0	18.5	21.0	17.5	17.5	13.5	
24	9.0	8.0	17.0	14.5	19.0	16.0	22.0	19.0	21.0	17.5	17.5	13.5	
25	8.5	7.5	16.5	15.0	19.0	15.5	22.0	19.0	21.5	17.0	17.5	13.5	
26	8.5	7.0	16.5	15.0	19.5	15.5	22.5	18.5	21.0	18.0	17.0	13.0	
27	8.5	7.5	17.0	15.0	19.5	15.5	22.5	19.0	21.5	17.5	17.0	13.5	
28	9.0	7.5	18.0	15.5	20.0	16.0	23.0	18.5	21.5	17.5	17.0	13.5	
29	8.5	7.5	18.5	16.0	20.0	16.0	22.5	18.5	21.0	17.0	16.5	13.5	
30	9.0	7.5	18.5	16.5	20.5	16.0	23.0	19.0	21.0	16.5	17.0	13.5	
31			18.0	16.5			23.0	19.0	20.0	16.5			
MONTH	10.0	6.0			20.5	15.5	23.0		22.5		20.5	13.0	

CROSS-SECTIONAL ANALYSES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Depth at sample loca- tion, feet (81903)	depth, feet	water, unfltrd field,	field, std units	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	ature, water,
JUN							
02*	1358	1.40	1.00	1.4	8.7	97	18.4
02*	1359	1.70	1.00	1.6	8.7	97	18.4
02*	1400	1.60	1.00	1.2	8.7	97	18.4
02*	1401	1.50	1.00	1.1	8.7	97	18.4
02*	1402	1.20	.80	1.0	8.7	97	18.4
02*	1403	1.10	.80	1.1	8.7	97	18.4
02*	1404	1.20	.80	1.0	8.7	97	18.4
02*	1405	1.20	.80	1.0	8.7	97	18.5
02*	1406	1.10	.80	1.0	8.8	97	18.7
30*	1515	1.20	1.10	1.2	9.3	120	19.8
30*	1516	1.40	.80	1.4	9.3	120	19.8
30*	1517	1.10	.80	1.9	9.3	120	19.7
30*	1518	1.20	.80	1.2	9.3	120	19.7
30*	1519	.85	.60	1.6	9.3	120	19.7
30*	1520	.90	.60	1.4	9.3	120	19.8
30*	1521	1.00	.60	.9	9.3	120	19.8

^{*} Instantaneous discharge at time of cross-sectional measurement: 21 $\mathrm{ft^3/s}$, June 2; 5.7 $\mathrm{ft^3/s}$, June 30.

10340300 PROSSER CREEK RESERVOIR NEAR TRUCKEE, CA

 $LOCATION.--Lat\ 39^{\circ}22'46'', long\ 120^{\circ}08'12'', in\ NW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec. 30,\ T.18\ N.,\ R.17\ E.,\ Nevada\ County,\ Hydrologic\ Unit\ 16050102,\ in\ control\ house\ on\ Prosser\ Creek\ Dam\ on\ Prosser\ Creek\ 1.4\ mi\ upstream\ from\ mouth,\ and\ 4.2\ mi\ northeast\ of\ Truckee.$

DRAINAGE AREA.--50.3 mi².

PERIOD OF RECORD.--January 1963 to current year. January 1963 to September 1987 (monthend elevations and contents only). Prior to October 1976, published as "near Boca."

REVISED RECORDS.--WDR CA-76-3: 1975. WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

REMARKS.--Records good. Reservoir is formed by rolled-earth and rockfill dam. Storage began January 30, 1963. Usable capacity, 28,641 acreft between elevations 5,660.6 ft, top of inactive contents, and 5,741.2 ft, crest of spillway. Inactive contents, 1,201 acre-ft, includes 83 acre-ft dead contents below elevation 5,637.0 ft. Figures given represent total contents at 0800 hours. Reservoir is used for flood control, enhancement of fishery, and recreation. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES (at 0800) FOR PERIOD OF RECORD.--Maximum contents, 33,719 acre-ft, May 19, 1996, elevation, 5,746.11 ft; minimum since reservoir first filled, 66 acre-ft, October 10-12, 1983, elevation, 5,635.75 ft.

EXTREMES (at 0800 hours) FOR CURRENT YEAR.—Maximum contents, 30,600 acre-ft, July 12-19, maximum elevation, 5,742.28 ft, June 13; minimum, 7,380 acre-ft, January 22, elevation, 5,695.72 ft.

Capacity table (elevation, in feet, and contents, in acre-feet) (Based on table provided by U.S. Bureau of Reclamation, dated August 1962)												
	5,65 5,65 5,66 5,66	40 50	17 143 491 1,148	5,670 5,680 5,690	3,7		5,700 5,710 5,720	8,63 12,14 16,64	7	5,730 5,740 5,750	22,220 28,949 37,046	
RESERVOIR STORAGE (ACRE-FEET) , WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY OBSERVATION AT 0800 HOURS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13100	8820	7790	7730	8630	9240	11400	14200	26300	29900	26900	23000
2	13000	8670	7800	7730	8670	9220	11400	14300	26800	29900	26900	22800
3	12900	8530	7800	7730	8660	9200	11400	14400	27300	29800	26800	22600
4	12700	8390	7840	7720	e8710	9180	11400	14600	27800	29800	26800	22400
5	12600	e8240	7860	7700	8740	9190	11500	14700	28400	29700	26700	22200
6	12500	8090	7900	7680	8820	9190	11500	14900	28800	29700	26600	21900
7	12400	8010	7920	7660	8900	9200	11500	15000	29200	29600	26500	21700
8	12200	8060	7930	7640	8960	9220	11500	15200	29700	29500	26400	21400
9	12100	8310	7940	7630	9030	9240	11600	15300	29700	29500	26300	21100
10	12000	e8350	7970	7610	9090	9270	11600	15400	30400	29400	26200	20800
11	11800	8360	7990	7610	9160	9310	11700	15500	30500	29300	26100	20600
12	11700	8330	8010	7590	9230	9380	11800	15600	30600	29200	26000	e20300
13	11500	8310	8040	7570	9240	9500	12000	15800	30600	29100	25900	e20000
14	11400	8200	8300	7550	9260	9730	12100	16100	30600	29000	25700	e19800
15	11200	e8030	e8750	7530	9280	10000	12200	16500	30600	28900	25600	e19500
16	11100	e7860	8960	7490	e9320	10400	12200	17000	30600	28700	25400	19300
17	11000	7690	e9020	7470	9330	e10600	12400	17300	30600	28600	25300	19000
18	10800	7560	e9140	7450	9330	10700	12500	17700	30600	28400	25100	18800
19	10700	7510	9210	7420	9330	10900	12600	18100	30600	28300	24900	18500
20	10500	7520	9310	7400	9320	11000	12800	18400	30500	28200	24800	18300
21	10400	7550	9150	7390	9320	11100	12900	18800	30400	28000	24600	18000
22	10300	7590	8950	7380	9310	11200	13100	19300	30300	27900	24600	17700
23	10100	7640	8620	7430	9300	11300	13200	19900	30200	27700	24600	17400
24	9970	7680	8250	7740	9300	11500	13300	20700	30100	e27600	24400	17200
25	9830	7720	7900	7920	9290	11500	13500	21500	30000	e27500	24200	16900
26	9680	7740	7570	8070	9270	11400	13600	22100	29900	e27400	24100	16700
27	9530	7770	7500	8200	9270	11800	13800	22700	29900	e27300	24000	16400
28	9390	7780	7560	8460	9250	11800	13900	23500	29900	e27200	23900	16200
29	9250	7790	7680	8580		11700	14000	24300	29900	27100	23700	15900
30	9100	7790	7720	8610		e11500	14100	25100	29900	27100	23500	15600
31	8960		7750	8610		11400		25800		26900	23300	
MEAN	11100	8000	8200	7750	9120	10300	12400	18100	29700	28600	25300	19400
MAX	13100	8820	9310	8610	9330	11800	14100	25800	30600	29900	26900	23000
MIN	8960	7510	7500	7380	8630	9180	11400	14200	26300	26900	23300	15600
a	5701.06	5697.18	5697.06	5699.93	5701.97	5708.16	5714.71	5735.51	5741.32	5737.21	5731.68	5717.98
b	-4340	-1170	-40	+860	+640	+2150	+2700	+11700	+4100	-3000	-3600	-7700

CAL YR 2002 MEAN 13300 MAX 22600 MIN 7500 b -470 WTR YR 2003 MEAN 15700 MAX 30600 MIN 7380 b +2300

e Estimated

a Gage height, in feet, at end of month.

b Change in contents, in acre-feet.

10340500 PROSSER CREEK BELOW PROSSER CREEK DAM, NEAR TRUCKEE, CA

LOCATION.—Lat 39°22'24", long 120°07'50", in NW ¹/₄ NE ¹/₄ sec.31, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 300 ft downstream from Station Creek, 0.5 mi downstream from Prosser Creek Dam, 0.9 mi upstream from mouth, and 4.2 mi northeast of Truckee

DRAINAGE AREA.—52.9 mi².

PERIOD OF RECORD.—October 1902 to June 1903 (gage heights only), October 1942 to December 1950, June 1951 to current year. Prior to October 1976, published as "near Boca." Monthly discharge only for October 1942 to December 1950 published in WSP 1734; daily discharge in files of U.S. Geological Survey. Records for April 1889 to November 1890, published in the 11th and 12th Annual Reports, Part 2, have been found to be unreliable and should not be used.

WATER TEMPERATURE: Water years 1993-98.

REVISED RECORDS.—WDR CA-79-3: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 5,602.31 ft above NGVD of 1929 (levels by U.S. Bureau of Reclamation). See WSP 2127 for history of changes prior to September 1956. October 1956 to May 1976, water-stage recorder at site 0.8 mi downstream at datum 29.69 ft lower.

REMARKS.—Records good. Flow regulated by Prosser Creek Reservoir (station 10340300) since January 30, 1963. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Water years 1943–63, prior to construction of Prosser Creek Dam, maximum discharge, 4,560 ft³/s, December 23, 1955, gage height, 10.13 ft, present datum, from rating curve extended above 910 ft³/s on basis of slope-area measurement of peak flow; maximum gage height, 11.0 ft from floodmarks, present datum, November 20, 1950; minimum discharge, 0.4 ft³/s, July 18, 1961, result of work on dam upstream. Maximum discharge since construction of Prosser Creek Dam in 1963, 2,030 ft³/s, January 3, 1997, gage height, 6.72 ft, from rating curve extended above 880 ft³/s on basis of valve setting at Prosser Creek Dam; minimum daily, 0.02 ft³/s, January 2, 1975, result of temporary closing of Prosser Creek Dam for spillway maintenance.

		DI	SCHARGE, C	UBIC FEET E		, WATER YE LY MEAN VA		R 2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	65	17	47	97	46	183	58	61	90	44	101
2	67	65	12	47	97	46	150	57	62	90	44	101
3	67	64	8.2	47	77	46	120	57	62	8 9	45	107
4	68	64	7.8	46	52	4 0	103	58	62	90	42	117
5	68	65	7.6	46	37	38	104	57	63	90	38	117
6	67	49	8.0	46	26	38	103	57	62	89	38	116
7	66	41	8.1	46	26	3 8	105	57	63	8 9	42	115
8	65	43	8.2	46	26	3 8	105	57	63	8 9	46	125
9	67	42	7.8	46	27	3 9	105	56	85	8 9	46	130
10	71	42	8.2	46	26	39	105	57	127	89	46	130
11	71	42	7.9	46	26	3 9	105	57	152	89	45	130
12	71	41	7.9	46	37	4 0	106	57	159	8 9	56	129
13	71	61	9.2	46	47	3 9	107	57	162	8 9	66	129
14	71	94	11	46	47	40	107	57	162	8 9	71	128
15	71	93	11	46	47	43	96	57	161	88	76	128
16	70	93	28	46	47	41	68	57	159	88	77	127
17	69	82	12	46	47	4 0	58	58	160	8.8	75	127
18	69	52	11	46	47	32	58	58	165	89	75	127
19	69	26	11	46	47	15	57	58	166	89	75	127
20	68	12	68	46	47	13	57	58	161	89	81	127
21	68	9.3	122	46	46	27	57	58	155	89	89	127
22	68	9.2	153	47	46	82	57	59	148	8.8	72	126
23	68	9.4	172	48	46	99	57	38	142	8.8	59	126
24	67	9.4	171	49	46	135	57	20	139	8.8	59	125
25	67	9.4	171	49	46	198	57	19	134	88	58	125
26	66	9.5	112	49	46	214	58	19	113	88	59	124
27	66	11	47	50	46	215	57	20	98	89	59	123
28	66	16	47	74	46	216	57	20	93	64	75	123
29	66	17	46	97		214	57	20	92	44	96	125
3 0	66	16	46	97		212	57	44	92	44	101	129
31	66		47	97		212		61		45	101	
TOTAL	2107	1252.2	1403.9	1626	1298	2574	2573	1523	3523	2596	1956	3691
MEAN	68.0	41.7	45.3	52.5	46.4	83.0	85.8	49.1	117	83.7	63.1	123
MAX	71	94	172	97	97	216	183	61	166	90	101	130
MIN	65	9.2	7.6	46	26	13	57	19	61	44	38	101
AC-FT	4180	2480	2780	3230	2570	5110	5100	3020	6990	5150	3880	7320

		10340500 I	PROSSER	CREEK BE	ELOW PRO	OSSER CRE	EK DAM, N	EAR TRUC	CKEE, C	AContinued		
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 1962, BY WATER YEAR (WY)												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	13.1	34.5	47.9	36.1	45.1	75.4	203	261	157	48.5	12.1	8.45
MAX	22.4	268	321	155	89.7	175	406	669	395	176	44.5	19.6
(WY)	1946	1951	1956	1956	1943	1943	1952	1952	1952	1952	1952	1952
MIN	6.63	8.62 1960		10.0		20.0	94.5	106 1959	55.9 1947	10.0	3.79	3.90
(WY)	1961	1960	1960	1948	1948	1948	1955	1959	1947	1961	1961	1947
SUMMAR	Y STATIST	cs		WAT	ER YEARS	5 1943 - 1	962					
ANNUAL	MEAN				76.8							
HIGHES	T ANNUAL I	MEAN .		1	.62	1	952					
	ANNUAL M				38.1		961					
	T DAILY M			34		Dec 23 1						
	DAILY MEA				2.7	Aug 24 1 Aug 19 1						
	M PEAK FLO			4.5	3.1	Dec 23 1						
	M PEAK STA				11.00	Nov 20 1						
	RUNOFF (556	20							
	CENT EXCE			2	12							
	CENT EXCE				27							
90 PER	CENT EXCE	EDS			7.0							
STATIS	TICS OF MO	ONTHLY MEAN	I DATA FO	R WATER Y	EARS 196	54 - 2003,	BY WATER	YEAR (WY)				
MEAN	89.6	39.2	54.6	76.4	72.7	115	123	204	109	59.6	49.3	107
MAX	282	214	361	564	397	371	372	545	494	167	151	477
(WY)		1982	1965	1997	1986	1986	1969	1983	1983	1985	1995	1983
MIN				7.96	17.5	27.1	21.7	17.2	8.39	6.33	2.55	1.96
(WY)	1989	1989	1989	1989	1991	1977	1977	1985	1966	1966	1994	1992
SUMMAR	Y STATIST	ICS	FOR 2	002 CALEN	IDAR YEAF	R F	OR 2003 WA	TER YEAR		WATER YEARS	5 1964 -	2003
ANNUAL	TOTAL			22845.1			26123.1					
ANNUAL	MEAN			62.6			71.6			91.7		
	T ANNUAL I									214		1983
	ANNUAL M									24.4		1977
	T DAILY M			199	Apr 7		216	Mar 28		1790		
	DAILY MEA			7.6 8.0			7.6 8.0	Dec 5 Dec 3 Mar 27			Jan 2 Apr 13	
	M PEAK FLO			0.0	Dec 3	,	219	Mar 27		0.30 2030	Jan 3	
	M PEAK STA							Mar 27			Jan 3	
		AC-FT)		45310			51820			66410		
	CENT EXCE			94			128			206		
	CENT EXCE			61			61			5 0		
	CENT EXCE	EDS		19			20			9.5		

10342900 INDEPENDENCE LAKE NEAR TRUCKEE, CA

 $LOCATION.--Lat\ 39^{\circ}27'07'', long\ 120^{\circ}17'23'', in\ NW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec. 35, T.19\ N., R.15\ E., Sierra\ County,\ Hydrologic\ Unit\ 16050102,\ on\ right\ bank,\ of\ outlet\ channel,\ 60\ ft\ upstream\ from\ outlet\ gates,\ and\ 10.5\ mi\ northwest\ of\ Truckee.$

DRAINAGE AREA.--7.51 mi².

PERIOD OF RECORD .-- November 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Sierra Pacific Power Co.).

REMARKS.--Lake levels regulated by an earthfill dam at the outlet constructed in 1939. Usable capacity, 17,300 acre-ft between elevations 6,921.0 ft, invert of outlet gate and 6,949.0 ft, normal maximum storage level. Water is used for irrigation and power development downstream. Records, including extremes, represent usable contents. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum contents, 18,300 acre-ft, June 5, 2002, elevation, 6,950.38 ft; minimum, 4,750 acre-ft, November 10, 11, 1988, elevation, 6,929.39 ft.

EXTREMES FOR CURRENT YEAR.—Maximum contents, 17,800 acre-ft, May 27, 28, maximum elevation, 6,949.70 ft, May 28; minimum, 14,300 acre-ft, December 23-26, minimum elevation, 6944.65 ft, December 24, 25.

Capacity table (elevation, in feet, and contents, in acre-feet)

		(B	ased on ta	ble provid	elevation ded by Sier	ra Pacifi	, and cont c Power Co	ents, in ac	ovember 5,	1941)		
	6,92	21	0	6,930	0 5,	110	6,940	11,24)	6,950	18,000	
	6,92	25	2,220	6,935	5 8,	110	6,945	14,530	0			
			RESERVOIR	STORAGE (EAR OCTOBE	ER 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15200	14700	15200	14600	15400	15800	15800	15600	17400	17500	17600	17400
2	15200	14700	15200	14700	15400	15800	15800	15600	17300	17400	17600	17400
3	15100	14700	15200	14700	15400	15800	15700	15700	17300	17400	17600	17400
4	15100	14700	15200	14700	15500	15900	15700	15700	17300	17400	17600	17400
5	15100	14700	15200	14700	15500	15900	15600	15700	17400	17500	17600	17400
3	13100	11,00	13200	11,00	13300	13300	13000	13700	1,100	1,500	1,000	1,100
6	15000	14700	15200	14700	15500	15900	15600	15800	17500	17500	17600	17400
7	15000	14800	15200	14700	15500	15900	15600	15800	17500	17500	17600	17400
8	15000	15000	15200	14700	15600	15900	15500	15900	17600	17500	17600	17400
9	14900	15100	15200	14700	15600	15900	15500	15900	17600	17500	17600	17300
10	14900	15200	15200	14800	15600	15900	15400	15900	17600	17500	17600	17300
11	14900	15200	15200	14800	15600	15900	15400	15900	17600	17500	17600	17300
12	14900	15200	15100	14800	15600	15900	15500	16000	17500	17500	17500	17300
13	14900	15200	15200	14800	15600	15900	15600	16000	17500	17500	17500	17300
14	14900	15200	15300	14800	15600	16000	15500	16200	17500	17500	17500	17300
15	14800	15200	15300	14900	15700	16100	15500	16300	17400	17500	17500	17300
		45000	45000		4.5.5.0		45500		4.7.4.0.0	4.5500	45500	4.0000
16	14800	15200	15300	14900	15700	16100	15500	16400	17400	17500	17500	17300
17	14800	15200	15300	14900	15700	16100	15500	16500	17400	17500	17500	17200
18	14800	15200	15100	14900	15700	16200	15500	16600	17500	17500	17500	17200
19	14800	15200	14900	14900	15700	16200	15500	16700	17500	17500	17500	17100
20	14800	15200	14800	14900	15800	16200	15400	16800	17500	17500	17500	17100
21	14800	15200	14600	14900	15800	16200	15400	17000	17500	17500	17500	17100
22	14800	15200	14500	15000	15800	16300	15400	17200	17500	17500	17500	17000
23	14800	15200	14300	15000	15800	16300	15400	17300	17500	17600	17500	17000
24	14800	15200	14300	15000	15800	16300	15500	17500	17500	17600	17500	17000
25	14800	15200	14300	15100	15800	16400	15600	17600	17600	17600	17500	16900
26	14800	15200	14300	15200	15800	16500	15600	17600	17600	17600	17500	16900
27	14800	15200	14400	15200	15800	16400	15600	17800	17600	17600	17500	16900
28	14800	15200	14500	15200	15800	16300	15600	17800	17600	17600	17500	16800
29	14700	15200	14500	15300		16100	15600	17700	17500	17600	17500	16800
3 0	14700	15200	14600	15300		15900	15600	17700	17500	17600	17500	16800
31	14700		14600	15400		15800		17600		17600	17400	
MAX	15200	15200	15300	15400	15800	16500	15800	17800	17600	17600	17600	17400
MIN	14700	14700	14300	14600	15400	15800	15400	15600	17300	17400	17400	16800
a	6945.26	6945.98	6945.15	6946.24	6946.88	6946.89	6946.56	6949.37	6949.29	6949.41	6949.21	6948.23

CAL YR 2002 MAX 18300 MIN 14300 b -1100 WTR YR 2003 MAX 17800 MIN 14300 b +1400

a Elevation, in feet, at end of month.

b Change in contents, in acre-feet.

10343000 INDEPENDENCE CREEK NEAR TRUCKEE, CA

 $LOCATION.-Lat\ 39^{\circ}27'24", long\ 120^{\circ}17'10", in\ SW\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec. 35,\ T.19\ N.,\ R.15\ E.,\ Sierra\ County,\ Hydrologic\ Unit\ 16050102,\ on\ left\ bank,\ 0.4\ mi\ downstream\ from\ Independence\ Lake\ outlet,\ and\ 10.5\ mi\ northwest\ of\ Truckee.$

DRAINAGE AREA.--8.10 mi².

PERIOD OF RECORD.--November 1902 to September 1907, November 1909 to June 1910, August 1968 to current year.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.- Water-stage recorder. Elevation of gage is 6,920 ft above NGVD of 1929, from topographic map. July 1, 1904, to June 30, 1910, nonrecording gage 75 ft downstream from Independence Lake outlet; prior to July 1, 1904, nonrecording gage 600 ft downstream at approximately same datum.

REMARKS.--Records good. Flow regulated by Independence Lake (station 10342900) since 1939. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 325 ft³/s, January 3, 1997, gage height, 6.17 ft; maximum gage height, 8.16 ft, April 16, 1993, backwater from snow and ice; no flow September 28 to November 10, 1905, June 1, 1906.

		DI	SCHARGE, C	CUBIC FEET		WATER Y MEAN	YEAR OCTOBER	2 2002 TO	SEPTEMBEF	2 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	2.4	1.3	1.9	e2.0	4.2	e73	6.9	205	34	1.9	1.8
2	47	2.4	1.3	1.7	e2.0	4.2	e63	3.3	198	32	1.8	1.9
3	26	2.3	1.3	1.7	e1.9	4.2	e56	3.2	146	17	1.5	2.0
4	16	2.3	1.3	1.7	e1.9	4.2	52	3.2	81	6.5	2.1	3.0
5	16	2.2	1.5	1.7	e1.7	4.2	52	3.2	76	6.5	2.3	2.1
6	16	2.0	1.6	1.6	2.8	4.0	52	3.0	77	6.4	2.1	0.82
7	15	1.9	1.6	1.6	4.1	4.1	52	3.0	77	5.9	2.0	0.87
8	10	1.8	1.6	1.6	4.1	4.2	51	2.9	77	5.3	2.0	1.7
9	5.2	1.4	1.6	1.6	4.0	4.2	51	2.6	89	4.7	2.1	2.5
10	5.2	1.4	1.5	1.7	4.0	4.1	e46	2.7	105	4.5	2.1	2.4
11	5.2	1.4	8.8	1.7	4.0	4.0	41	3.0	105	3.9	2.0	2.4
12	5.2	13	32	1.7	4.0	4.2	41	3.5	89	3.7	2.0	2.3
1.3	5.0	2.4	54	1.7	4.1	4.4	42	4.0	79	3.6	2.0	2.3
14 15	5.2 4.2	2.4	68 70	1.7 1.7	4.0	4.4	38 35	4.5 4.6	79 79	3.8 e3.8	2.0	2.1
15	4.2	2.3	70	1./	3.9	4.4	35	4.6	79	es.8	2.0	2.1
16	3.0	2.2	71	1.7	3.9	4.3	31	6.0	72	e3.7	2.0	7.5
17 18	2.6	e2.2	78 89	1.7	4.0	4.4	29 26	8.3	54 38	e3.6	2.1	16 22
18	2.4	e2.8 e3.1	105	1.7 1.7	4.0	4.2	23	8.1 10	35	3.5 3.2	2.1	18
20	2.2	3.0	106	1.7	4.2	4.2	23	13	35	3.0	2.1	16
								4.5	0.5			
21 22	1.9 1.7	3.2	98 98	2.2	4.2	4.2	18 13	15 30	35 35	2.9 3.0	2.1	16 16
23	1.7	2.9	98 76	2.5	4.2	4.3	13	55	35	2.7	2.1	16
24	1.6	2.9	e22	2.0	4.2	4.7	13	67	35	2.3	2.1	16
25	1.6	2.8	e4.0	2.0	4.2	9.1	13	67	34	2.2	2.2	16
26	1.6	2.2	e2.7	2.0	4.2	33	13	67	34	2.3	2.2	16
26	1.6	1.3	2.2	2.0	4.2	33 73	13	97	34	2.3	2.2	16
28	2.1	1.3	2.2	2.2	4.2	105	13	156	34	2.5	2.1	16
29	2.8	1.3	2.0	2.3		110	12	194	34	2.2	2.1	16
3 0	2.7	1.3	1.9	e2.3		109	12	205	34	2.0	2.1	16
31	2.5		14	e2.2		e98		206		1.8	1.8	
TOTAL	275.2	77.0	1019.2	59.0	102.4	639.1	1010	1258.0	2140	184.8	63.2	269.79
MEAN	8.88	2.57	32.9	1.90	3.66	20.6	33.7	40.6	71.3	5.96	2.04	8.99
MAX	60	13	106	3.2	4.2	110	73	206	205	34	2.3	22
MIN	1.6	1.3	1.3	1.6	1.7	4.0	12	2.6	34	1.8	1.5	0.82
AC-FT	546	153	2020	117	203	1270	2000	2500	4240	367	125	535
STATIST	CICS OF MO	ONTHLY ME	AN DATA I	FOR WATER	YEARS 1968	- 2003	B, BY WATER	YEAR (WY)			
MEAN	15.0	19.8	12.5	12.6	11.4	15.1	20.9	43.5	55.1	25.3	18.7	20.9
MAX	45.8	97.6	58.2	161	58.0	94.5	72.9	112	188	89.2	114	133
(WY)	1976	1984	1982	1997	1986	1996	1986	1982	1983	1983	1988	1973
MIN	0.47	1.36	0.70	1.04	1.07	1.45	1.50	1.51	2.09	1.78	2.04	0.58
(WY)	1980	1989	1993	1993	1974	1977	1977	1977	1977	1977	2003	1979
SUMMARY	STATIST:	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEARS	1968 -	2003
ANNUAL	TOTAL			6916.6			7097.69	9				
ANNUAL				18.9			19.4			22.6		
HIGHEST	ANNUAL I	MEAN								46.7		1983
LOWEST	ANNUAL M	EAN								7.07		2001
	DAILY M			106				May 31		295	Jan 4	
	DAILY ME				Nov 27			2 Sep 6		0.02		
	SEVEN-DA		I	1.3	Nov 27			Nov 27		0.02		
	PEAK FLO						246			325	Jan 3	
	PEAK STA			13720			5.46 14080	5 Nov 12		8.16	Apr 16	1993
	RUNOFF (2 ENT EXCE			13720			14080			16340 61		
	ENT EXCE			4.4			4.0			11		
	ENT EXCE			2.0			1.7			2.1		
		-					=					

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10343500 SAGEHEN CREEK NEAR TRUCKEE, CA

(Hydrologic Benchmark Station)

 $LOCATION.--Lat~39^{\circ}25'54'', long~120^{\circ}14'13'', in~NE~^{1}/_{4}~NE~^{1}/_{4}~sec.7, T.18~N., R.16~E., Nevada~County, Hydrologic~Unit~16050102, on~left~bank, 2.2~mi~upstream~from~bridge~on~State~Highway~89, and~7.5~mi~north~of~Truckee.$

DRAINAGE AREA.--10.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1953 to current year.

PRECIPITATION DATA: October 1990 to September 1996.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 6,320 ft above NGVD of 1929, from topographic map. Prior to December 2, 1953, nonrecording gage at site 100 ft upstream at different datum.

REMARKS.--Records good. No storage or diversion upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 1,230 ft³/s, January 1, 1997, gage height, 5.20 ft, from poor high-water mark on gage house, rating curve extended above 160 ft³/s on basis of slope-area measurement at gage height 4.28 ft; minimum daily, 1.0 ft³/s, September 13, 1960.

Discharge Gage height

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 50 ft³/s and maximum(*):

Discharge Gage height

					Discharge	e Gage h	eight				arge Gage h	eight		
			Date	Time	(ft^3/s)	(ft))	Date	Time	$(ft^3/$	s) (ft)		
			May 24	1815	*65	*2.7	7	No other	peaks g	reater than	n base discharg	je		
		D	ISCHARGE,	CUBIC	FEET PER		, WATER LY MEAN		BER 2	002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC		JAN	FEB	MAR	APF	2	MAY	JUN	JUL	AUG	SEP
1	1.7	1.9	2.4		4.0	8.9	3.9	24	Ł	13	3 9	5.7	3.4	2.0
2	1.7	1.9	2.4		3.9	8.3	4.0	17	7	14	37	5.4	4.2	1.9
3	1.7	1.9	2.4		3.8	7.4	3.8	16	5	17	35	5.2	3.6	1.9
4	1.8	1.9	2.4		3.9	7.6	3.7	14	Į.	20	33	4.9	2.8	2.1
5	1.7	1.9	2.4		3.9	7.2	3.7	13	3	20	31	4.7	2.7	2.0
6	1.7	1.9	2.4		3.8	7.6	3.8	12	2	20	29	4.5	2.6	1.9
7	1.7	4.0	2.4		3.8	6.7	4.0	1.3	3	20	28	4.3	2.5	1.8
8	1.7	18	2.3		3.6	5.7	4.1	16	5	19	27	4.1	2.4	1.9
9	1.7	7.4	2.4		3.6	5.3	4.2	17	7	17	26	3.9	2.3	1.9
10	1.7	4.3	2.4		3.7	5.0	4.5	19)	18	24	3.7	2.2	1.9
11	1.7	3.8	2.4		3.8	4.7	5.3	21	L	21	22	3.5	2.2	1.9
12	1.7	4.0	2.4		3.7	4.5	6.5	20)	25	19	3.4	2.1	1.8
13	1.7	4.5	8.1		3.8	5.2	9.7	16	5	3 0	17	3.3	2.1	1.8
14	1.7	3.7	19		3.7	5.4	11	16	5	37	16	3.2	2.1	1.8
15	1.7	3.2	7.0		3.6	5.1	14	15	5	41	14	3.1	2.1	1.8
16	1.7	3.1	4.2		3.6	5.0	11	14	Į.	40	13	3.0	2.0	1.8
17	1.7	3.0	5.8		3.5	4.7	8.9	1.3	3	40	13	2.9	2.1	1.8
18	1.7	2.9	5.1		3.5	4.8	8.0	1.3	3	3 9	12	2.9		1.8
19	1.7	2.8	4.3		3.5	4.5	7.7	1.3	3	38	11	2.8	2.0	1.8
20	1.7	2.8	3.9		3.6	4.3	7.7	14	ŀ	40	11	2.7	2.0	1.8
21	1.8	2.9	3.7		3.7	4.3	7.8	15	5	44	10	2.7		1.8
22	1.8	3.1	3.5		4.3	4.2	9.4	14	ŀ	49	9.4	3.0	2.9	1.8
23	1.8	3.1	3.4		9.8	4.1	17	14	ŀ	52	9.9	3.8		1.7
24	1.8	2.9	3.3		9.3	4.1	15	15	5	54	9.6	3.7	2.2	1.7
25	1.8	2.7	3.2		7.6	4.1	15	13	3	51	8.5	3.0	2.1	1.7
26	1.8	2.6	3.1		7.1	4.0	31	13	3	48	7.7	2.8		1.7
27	1.9	2.5	5.5		9.1	4.0	25	13	3	48	7.2	2.8	2.2	1.7
28	1.9	2.5	6.7	1	0	3.9	19	1.3	3	49	6.8	2.8	2.0	1.7
29	1.9	2.4	5.3		8.3		19	1.3	3	48	6.4	2.6	2.0	1.7
3 0	1.9	2.4	4.5		7.6		21	13	3	47	6.0	2.5	1.9	1.7
31	1.9		4.3		7.8		25			42		2.8	2.0	
TOTAL	54.4	106.0	132.6			50.6	333.7	452	2	1061	538.5	109.7	73.9	54.6
MEAN	1.75	3.53	4.28	5	.13	5.38	10.8	15.1	L	34.2	17.9	3.54	2.38	1.82
MAX	1.9	18	19		10	8.9	31	24	Į.	54	39	5.7	4.2	2.1
MIN	1.7	1.9	2.3		3.5	3.9	3.7	12	2	13	6.0	2.5	1.9	1.7
AC-FT	108	210	263		315	299	662	897	7	2100	1070	218	147	108

$10343500 \ \ SAGEHEN \ CREEK \ NEAR \ TRUCKEE, CA--Continued$ Statistics of monthly mean data for water years 1954 - 2003, by water year (WY)

						,		,	•			
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3.41	5.04	7.03	8.46	8.08	10.7	24.3	43.2	25.0	7.14	3.11	2.72
MAX	11.9	27.7	44.0	87.3	51.0	50.1	51.6	117	142	37.4	11.8	7.56
(WY)	1963	1984	1965	1997	1963	1986	1986	1969	1983	1983	1983	1983
MIN	1.46	1.83	2.03	1.81	2.54	2.74	6.13	3.45	1.82	1.36	1.20	1.11
(WY)	1995	1993	1977	1962	1994	1962	1975	1988	1992	1994	1994	1960

(** ± /	100	1001	1000	100,	100		100	100	100	1,00	100	
MIN	1.46	1.83	2.03	1.81	2.54	2.74	6.13	3.45	1.82	1.36	1.20	1.1
(WY)	1995	1993	1977	1962	1994	1962	1975	1988	1992	1994	1994	196
SUMMARY	STATISTIC	:S	FOR 2	002 CALEND	DAR YEAR	FOR	2003 WAT	ER YEAR		WATER YEARS	1954	- 2003
ANNUAL T	ОТΔΙ.			2427.1			3225.9					
ANNUAL M				6.65			8.84			12.4		
				0.05			0.04					
	ANNUAL ME									30.0		1983
LOWEST A	NNUAL MEA	N								2.65		1977
HIGHEST	DAILY MEA	N		44	Apr 14		54	May 24		800	Jan	1 1997
LOWEST D	AILY MEAN	Ī		1.5	Aug 18		1.7	Oct 1		1.0	Sep 1	3 1960
ANNUAL S	EVEN-DAY	MINIMUM		1.5	Aug 30		1.7	Oct 5		1.1	Sep	9 1960
MAXIMUM	PEAK FLOW	1					65	May 24		1230	Jan	1 1997
MAXIMUM	PEAK STAG	E					2.77	May 24		5.20	Jan	1 1997
ANNUAL R	UNOFF (AC	-FT)		4810			6400			8960		
10 PERCE	NT EXCEED	S		20			21			32		
50 PERCE	NT EXCEED	S		3.2			3.9			4.5		
90 PERCE	NT EXCEED	S		1.6			1.8			1.9		

PYRAMID AND WINNEMUCCA LAKES BASIN 10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-

CHEMICAL DATA: Water years 1968–72, 1986–96.

SPECIFIC CONDUCTANCE: November 2000 to current year.

WATER TEMPERATURE: Water years 1970–1974, November 2000 to current year.

SEDIMENT DATA: Water years 1968-75, 1981-96.

PERIOD OF DAILY RECORD.-

SPECIFIC CONDUCTANCE: November 2000 to current year.

WATER TEMPERATURE: October 1970 to September 1974, November 2000 to current year.

INSTRUMENTATION.—Water-temperature and specific conductance recorder since November 2000.

REMARKS.—Specific conductance records rated good. Temperature records are excellent. Interruptions in record due to malfunction of the recording instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 212 microsiemens, August 6, 2002; minimum recorded, 42 microsiemens, May 28, 2003. WATER TEMPERATURE: Maximum recorded, 20.5°C, June 28, 30, 1973; minimum recorded, -0.5°C, many days in November 2000 through March 2001.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum recorded, 150 microsiemens, September 27; minimum recorded, 42 microsiemens, May 28.
WATER TEMPERATURE: Maximum recorded, 20.0°C, July 21, 22; minimum recorded, 0.0°C, many days November to April.

SPECIFIC CONDUCTANCE, MICROSIEMENS/CM AT 25 DEG. C, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCT	OBER	NOVE	MBER	DECE	MBER	JAN	UARY	FEBRU	JARY	MAI	RCH
1	138	135	134	130	124	119	108	104	85	81	105	102
2	137	135	134	129	124	121	109	107	86	82	108	102
3	137	134	132	129	124	120	109	106	88	86	105	103
4	137	134	132	129	124	120	107	105	88	86	106	103
5	137	134	131	129	124	119	109	106	91	86	106	104
6	137	134	131	128	122	118	108	106	92	87	105	103
7	136	134	145	124	121	119	109	107	95	88	104	101
8	137	134	124	82	122	120	109	107	96	89	104	101
9	137	133	103	83	122	119	109	107	95	92	103	101
10	137	135	107	102	121	117	109	107	95	94	102	100
11	137	135	113	107	121	119	109	106	97	95	102	95
12	137	135	114	106	121	118	110	108	98	96	100	90
13	137	134	108	106	121	68	114	108	98	91	91	8 0
14	137	134	111	108	81	66	112	109	95	92	81	79
15	137	133	114	111	84	81	112	109	96	94	8 0	73
16	136	133	115	113	92	84	113	108	97	93	81	79
17	136	133	116	113	93	88	112	110	106	97	83	8 0
18	136	132	116	115	95	90	112	110	108	98	83	82
19	136	132	117	115	100	95	112	110	100	97	84	82
20	136	132	117	115	103	99	111	109	100	99	84	82
21	135	131	117	114	108	101	110	106	101	99	84	81
22	134	131	115	112	108	106	109	95	101	100	82	75
23	134	130	116	112	111	107	95	84	102	100	75	70
24	134	130	117	114	112	108	90	85	102	101	72	70
25	134	129	120	115	113	108	91	90	103	101	72	67
26	134	130	118	115	111	107	92	90	103	101	68	57
27	135	130	121	116	107	89	91	78	103	101	61	58
28	133	129	123	118	94	90	85	8 0	104	102	62	60
29	133	129	123	118	102	94	87	84			64	61
3 0	133	130	123	119	103	101	8.8	87			63	59
31	132	129			105	99	88	85			60	56
MONTH	138	129	145	82	124	66	114	78	108	81	108	56

PYRAMID AND WINNEMUCCA LAKES BASIN 10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS/CM AT 25 DEG. C, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN								
	API	RIL	MA	AY	JU	NE	JU	LY	AUG	UST	SEPT	EMBER
1	60	56	66	64	48	45	82	79	123	110	141	138
2	62	59	65	63	49	46	84	80	116	111	142	139
3	62	60	64	59	49	47	86	81			146	139
4	67	62	61	59	49	47	88	82			146	132
5	66	64	61	58	50	47	8 9	84	127	122	146	141
6	67	65	60	59	50	48	92	86	128	124	146	141
7	70	65	60	58	51	48	91	86	130	125	147	140
8	67	60	60	59	51	47	94	87	130	127	148	140
9	65	60	60	59	51	49	96	89	131	128	147	141
10	65	61	61	59	52	50	98	91	132	129	147	140
11	62	58	60	56	53	51	99	93	133	130	147	140
12	61	58	59	53	55	52	101	94	134	130	147	141
13	64	58	56	51	56	53	102	95	135	131	148	141
14	66	62	53	49	58	55	103	97	136	132	146	141
15	66	62	51	47	60	58	105	99	137	134	147	140
16	67	66	50	48	60	59	107	100	137	135	148	141
17	67	66	50	47	61	59	109	102			148	141
18	67	64	50	47	62	60	112	104			148	141
19	67	63	49	47	64	61	114	107	139	136	147	140
20	65	63	49	45	65	63	116	108	139	136	147	141
21	67	63	48	45	67	64	117	110	141	134	147	141
22	67	64	49	45	67	66			134	129		
23	68	62	48	45	67	66	115	103	137	131		
24	62	59	47	44	70	66	115	104	137	135	148	142
25	63	61	47	45	73	69	118	112	139	136	148	141
26	65	61	47	44	75	71	120	115	140	135	148	142
27	65	63	48	44	77	73	121	116	138	136	150	143
28	65	63	47	42	79	74	123	117	139	137	149	142
29	65	64	46	43	8 0	76	125	120	140	137	148	142
3 0	66	65	46	44	81	77	127	122	141	138	149	142
31			47	45			127	117	141	138		
MONTH	7.0	56	66	4.2	81	4.5						

PYRAMID AND WINNEMUCCA LAKES BASIN 10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCT	OBER	NOVE	IBER	DECEM	MBER	JANU	JARY	FEBR	UARY	MAI	RCH
1	7.0	3.5	2.0	0.0	3.0	0.5	1.5	0.0	3.0	1.0	3.5	0.5
2	7.0	2.5	3.0	0.0	2.5	1.0	2.5	1.5	2.0	0.0	3.0	0.0
3	7.5	2.0	3.5	0.5	2.5	0.5	2.5	1.5	2.0	0.0	3.0	1.0
4	9.0	5.5	3.5	0.0	2.5	1.0	3.0	2.0	1.5	0.0	3.5	0.0
5	8.5	3.5	3.5	0.0	3.0	0.5	2.5	1.5	1.0	0.0	3.5	0.0
6	9.0	4.0	4.0	0.5	3.5	1.5	2.0	0.5	0.5	0.0	4.0	1.0
7	9.0	4.0	3.5	0.0	2.5	0.5	1.5	0.0	0.5	0.0	4.0	0.5
8	9.0	3.5	2.0	0.5	2.0	0.0	2.0	0.5	0.5	0.0	4.0	0.5
9	9.0	4.0	3.0	0.0	3.0	1.0	3.0	2.0	1.5	0.0	4.5	0.5
10	10.0	6.5	2.5	0.0	4.0	2.0	3.0	1.5	2.0	0.0	5.0	2.0
11	8.0	4.0	3.5	2.0	2.5	0.0	3.0	1.5	2.5	0.5	5.0	1.0
12	7.0	2.5	4.0	2.0	3.0	0.5	3.0	2.0	3.0	0.5	5.5	1.0
13	7.5	2.5	4.5	2.5	2.5	1.0	3.5	2.0	3.0	2.0	4.5	2.0
14	8.0	3.0	3.5	1.5	1.5	0.0	3.0	2.0	3.5	1.0	3.0	0.0
15	7.5	3.0	3.5	0.5	0.0	0.0	2.0	0.5	3.5	1.5	2.0	0.5
16	7.0	2.5	4.0	2.0	0.0	0.0	2.0	0.5	2.5	0.0	3.5	0.0
17	7.0	2.5	3.5	2.0	0.0	0.0	2.5	1.0	2.5	0.0	3.0	1.0
18	7.0	2.5	3.5	1.0	0.0	0.0	2.5	1.0	2.5	0.0	4.0	0.0
19	7.0	2.5	3.5	1.0	0.0	0.0	2.5	1.0	3.0	0.5	4.5	0.0
20	6.5	2.5	4.0	1.5	0.5	0.0	2.5	0.5	3.5	1.5	4.0	1.0
21	6.0	2.5	4.5	1.5	2.0	0.5	3.0	2.0	3.0	0.0	5.0	1.0
22	5.5	2.0	5.0	2.5	1.5	0.0	3.5	2.0	3.0	0.0	5.0	1.5
23	6.0	2.0	4.0	2.5	1.5	0.0	2.5	1.0	3.5	0.0	3.5	1.5
24	5.5	2.0	3.5	1.5	1.5	0.0	3.0	1.0	3.5	1.5	5.0	1.5
25	6.5	3.5	2.5	1.0	1.5	0.0	3.0	1.5	3.0	1.5	5.5	1.0
26	6.5	3.0	2.0	0.0	2.0	1.5	3.5	1.5	3.0	0.0	2.5	1.0
27	6.0	2.5	2.5	0.0	2.0	1.5	3.0	1.0	3.0	1.0	4.5	1.0
28	6.0	3.0	2.5	0.5	2.0	0.0	2.5	1.0	3.0	0.0	5.0	0.5
29	5.0	1.5	2.0	0.0	1.5	0.0	3.0	1.0			6.0	0.5
3 0	4.5	1.0	3.0	0.0	2.0	1.0	3.5	1.5			6.5	1.0
31	3.5	0.5			1.5	0.0	3.5	1.5			6.5	1.5
MONTH	10.0	0.5	5.0	0.0	4.0	0.0	3.5	0.0	3.5	0.0	6.5	0.0
	API	RIL	M.P	ΔY	JUL	NE	נטכ	LY	AUG	UST	SEPT	EMBER
1	2.5	1.0	7.0	1.0	13.0	5.0	16.0	8.0	14.5	11.0	14.0	7.5
2	2.0	0.0	5.0	2.0	13.0	5.5	16.5	8.0	13.0	11.5	15.0	8.0
3	3.5	0.0	7.5	2.0	13.0	5.5	17.0	7.5		10.0	12.5	8.5

PYRAMID AND WINNEMUCCA LAKES BASIN 10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

CROSS SECTION ANALYSES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Depth at sample loca- tion, feet (81903)	feet	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	water,	ft from l bank
APR						
30*	1620	1.40	.70	65	6.0	5.00
30*	1621	1.50	.75	65	6.0	6.00
30*	1622	1.60	.80	65	6.0	7.00
30*	1623	1.75	.80	65	6.0	8.00
30*	1624	1.90	.95	65	6.0	9.00
30*	1625	1.80	.90	65	6.0	10.0
30*	1626	1.60	.80	65	6.0	11.0
30*	1627	1.40	.70	65	6.0	12.0
30*	1628	1.35	.70	65	6.0	13.0
30*	1629	1.30	.65	65	6.0	14.0
30*	1630	1.35	.65	65	6.0	15.0
30*	1631	1.20	.60	65	6.0	16.0
30*	1632	1.10	.55	65	6.0	17.0

^{*} Instantaneous discharge at the time of cross-sectional measurements: Apr. 30, 13.0 ${\rm ft}^3/{\rm s}$.

10344300 STAMPEDE RESERVOIR NEAR TRUCKEE, CA

LOCATION.--Lat 39°28'14", long 120°06'11", in SE $^1/_4$ NE $^1/_4$ sec.29, T.19 N., R.17 E., Sierra County, Hydrologic Unit 16050102, Tahoe National Forest, in control house near base of spillway of Stampede Dam on Little Truckee River, 0.2 mi upstream from Worn Mill Canyon, and 11.0 mi northeast of Truckee.

DRAINAGE AREA.--136 mi².

PERIOD OF RECORD.--August 1969 to current year. August 1969 to September 1977 (monthend elevations and contents only). October 1977 to September 1987 (daily contents). Prior to October 1976, published as "near Boca."

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

REMARKS.--Records good. Reservoir is formed by rolled-earth and rockfill dam. Storage began August 1, 1969. Total capacity, 226,500 acre-ft at elevation 5,948.7 ft, spillway crest. Inactive contents, 5,010 acre-ft, includes 660 acre-ft dead contents below elevation 5,798.3 ft. Figures given, including extremes, represent total contents at 0800 hours. Reservoir is used for flood control, municipal water supply, enhancement of fishery, and recreation. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES (at 0800 hours) FOR PERIOD OF RECORD.—Maximum contents, 254,493 acre-ft, June 1, 1983, elevation, 5,956.55 ft; minimum since reservoir first filled, 30,772 acre-ft, January 31, February 1, 1978, elevation, 5,853.60 ft.

EXTREMES (at 0800 hours) FOR CURRENT YEAR.—Maximum contents, 158,000 acre-ft, June 26-29, maximum elevation, 5,926.66 ft, June 27; minimum, 108,300 acre-ft, December 11, 12, minimum elevation, 5,906.68 ft., December 12.

				ity table table pro						971)		
	5,8	50 2	7,915	5,880	60,	185	5,910	115,86	55	5,940	197,630	
	5,8		6,470	5,890			5,920	140,14		5,950	231,005	
	5,8	70 4	7,090	5,900) 94,	535	5,930	167,35	55	5,960	267,386	
			RESERVOIR	STORAGE (EAR OCTOBE T 0800 HO		SEPTEMBER	2002		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110100	108700	108600	113200	116300	114700	125800	128000	141000	157000	148000	143500
2	110200	108600	108600	113300	116200	114800	126000	128000	143000	156600	147900	143400
3	110100	108600	108500	113400	116100	114900	127000	128000	144000	156300	147800	143300
4	110100	108600	108500	113500	115900	114900	127000	128000	145000	155900	147700	143100
5	110100	e108500	108500	113600	115700	115000	127000	128000	146000	155600	147500	143200
6	110000	108500	108500	113600	115500	115000	127000	128000	147000	155200	147400	143000
7	110000	108500	108400	113600	115300	115100	127000	127000	148000	154900	147200	142900
8	110000	108900	108400	113700	114900	115100	127000	127000	149000	154400	147000	142700
9	110000	109200	108400	113800	114700	115200	127000	127000	150000	154100	146900	142500
10	109900	e109500	108400	113900	114400	115300	128000	127000	151000	153700	146800	142300
11	109800	109500	108300	114000	114200	115500	128000	127000	152000	153300	146600	142000
12	109700	109500	108300	114100	114000	115600	128000	127000	153000	152900	146500	141900
13	109700	109500	108500	114200	113900	115900	128000	127000	153000	152500	146300	141800
14	109600	109500	108900	114200	113800	116400	129000	127000	154000	152100	146200	141600
15	109600	109500	e109500	114200	113800	117000	129000	127000	154000	151700	146000	141500
16	109500	109500	110200	114200	e113900	117600	129000	127000	155000	151300	145900	141300
17	109500	109500	e110400	114300	113900	118000	129000	128000	155000	151000	145800	141100
18	109400	109300	e110700	114300	113800	118200	129000	128000	156000	150700	145800	140900
19	109400	e109300	110900	114400	113900	118400	129000	128000	156000	150400	145500	140800
20	109300	109200	111300	114500	114000	118700	129000	129000	157000	150100	145300	140600
21	109300	109100	111600	114500	114000	118900	129000	129000	157000	149800	145200	140500
22	109200	109100	111800	114600	114200	119200	129000	129000	157000	149600	145200	140400
23	109100	109100	112000	114800	114300	119600	129000	130000	157000	149400	145000	140300
24	109100	109000	112200	115000	114400	120100	128000	131000	157000	149200	144800	140200
25	109000	108900	112200	115200	114500	120600	128000	132000	157000	148900	144700	140100
26	109000	108800	112200	115400	114500	121200	128000	133000	158000	148700	144600	139900
27	108900	108700	112400	115600	114600	122200	128000	134000	158000	148400	144400	139800
28	108900	108700	112500	115900	114600	123100	128000	135000	158000	148200	144200	139700
29	108800	108700	112900	116200		123700	128000	136000	158000	148100	144100	139600
3 0	108800	108600	112900	116200		e124500	128000	138000	157000	148000	143900	139400
31	108700		113200	116300		125200		140000		147900	143700	
MAX	110200	109500	113200	116300	116300	125200	129000	140000	158000	157000	148000	143500
MIN	108700	108500	108300	113200	113800	114700	125800	127000	141000	147900	143700	139400
a	5906.86	5906.83	5908.86	5910.20	5909.48	5914.06	5915.24	5919.89	5926.50	5923.03	5921.43	5919.72
b	-1400	-100	+4600	+3100	-1700	+10600	+2800	+12000	+17000	-9100	-4200	-4300

CAL YR 2002 MAX 154600 MIN 108300 b -41000 WTR YR 2003 MAX 158000 MIN 108300 b +29300

e Estimated

a Elevation, in feet, at end of month.

b Change in contents, in acre-feet.

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR TRUCKEE, CA

LOCATION.--Lat 39°26′09", long 120°05′00", in SW 1 / $_4$ SW 1 / $_4$ sec.3, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 1 mi upstream from Boca Reservoir, 1.5 mi upstream from Dry Creek, 3.0 mi downstream from Stampede Dam, and 5.5 mi northeast of Truckee.

DRAINAGE AREA.--146 mi².

PERIOD OF RECORD.--June 1903 to October 1910, September 1939 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734. Published as "at Pine Station," June 1903 to December 1907, as "at Starr," January 1908 to October 1910, and as "near Boca," September 1939 to September 1976.

REVISED RECORDS.--WSP 1564: 1903-4, 1906-7, 1910, drainage area at site used in 1903-7.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 5,618.67 ft above NGVD of 1929 (U.S. Bureau of Reclamation Benchmark). June 1903 to October 1910, nonrecording gages at different sites and datums.

REMARKS.--Records good. Flow regulated by Independence Lake (station 10342900) since 1939 and Stampede Reservoir (station 10344300) since 1969. There is one transbasin diversion to Sierra Valley. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Water years 1939–68, prior to construction of Stampede Dam, maximum discharge, 13,300 ft³/s, February 1, 1963, gage height, 9.00 ft, from rating curve extended above 1,600 ft³/s, on basis of slope-area measurement of peak flow; minimum daily, 3.0 ft³/s, November 30, 1954. Maximum discharge since construction of Stampede Dam in 1969, 3,850 ft³/s, January 3, 1997, gage height, 5.26 ft; minimum daily, 0.30 ft³/s, September 16–21, 1969.

		DIS	SCHARGE, (CUBIC FEET		, WATER Y		R 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	16	32	e34	219	36	146	266	107	191	62	78
2	32	16	31	33	217	3 6	146	266	92	191	63	78
3	32	16	31	33	215	35	172	266	67	191	63	78
4	32	16	31	33	215	35	213	267	57	191	62	79
5	32	19	31	33	215	36	228	265	56	191	62	78
6	32	31	31	34	214	36	228	264	56	191	61	78
7	32	35	31	e34	213	37	227	263	56	191	61	78
8	32	39	31	e34	212	37	227	263	56	191	61	78
9	32	33	31	33	212	38	227	263	45	191	61	78
10	32	34	31	33	212	38	248	263	32	191	60	78
11	32	33	31	33	190	3 9	262	262	32	191	61	78
12	32	32	31	33	174	42	263	262	32	191	61	78
1.3	32	32	32	34	175	45	248	262	31	191	61	77
14	32	32	33	34	135	49	266	262	31	191	61	78
15	32	41	33	e33	96	60	270	262	31	191	61	78
16	32	52	37	e33	97	51	269	262	31	167	61	77
17	32	52	34	e33	95	46	268	262	31	148	61	77
18	32	52	32	33	81	43	268	262	31	148	70	77
19	31	52	e32	33	54	41	268	262	31	148	78	78
20	31	50	32	34	37	41	268	262	31	144	79	77
21	31	54	32	34	36	41	269	262	31	138	80	77
22	31	52	e32	35	36	42	267	262	31	134	79	77
23	31	52	31	62	36	45	267	262	31	128	78	77
24	31	53	e32	87	36	44	266	263	31	122	78	77
25	31	52	33	87	36	43	267	263	31	106	78	77
26	31	52	32	87	36	45	259	262	42	113	78	77
27	31	41	35	88	36	44	267	262	81	114	78	77
28	31	32	36	88	36	55	267	226	132	92	78	77
29	32	32	36	129		70	266	174	175	63	78	77
3 0	27	31	35	160		70	266	128	191	62	78	77
31	16		35	194		103		107		62	78	
TOTAL	961	1134	1007	1718	3566	1423	7373	7737	1712	4754	2131	2326
MEAN	31.0	37.8	32.5	55.4	127	45.9	246	250	57.1	153	68.7	77.5
MAX	32	54	37	194	219	103	270	267	191	191	80	79
MIN	16	16	31	33	36	35	146	107	31	62	60	77
AC-FT	1910	2250	2000	3410	7070	2820	14620	15350	3400	9430	4230	4610

e Estimated

90 PERCENT EXCEEDS

PYRAMID AND WINNEMUCCA LAKES BASIN

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR TRUCKEE, CA--Continued

	•			, chill in	. Ert : IE o		Lozit, om,	112.111.111	, 01122,	CII Commucu		
STATIS	TICS OF MO	ONTHLY MEA	N DATA FO	R WATER	ZEARS 193	9 - 1968,	BY WATER	YEAR (WY)				
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	76.0	83.5	123	87.3	131	170	399	543	310	78.1	29.8	25.8
MAX	394	630	725	264	835	374	855	1304	1045	433	180	76.5
(WY)	1963	1951	1965	1956	1963	1967	1952	1952	1967	1967	1940	1959
MIN	13.5	13.0	11.6	9.45	22.0	39.0	106	171	45.7	6.06	4.45	5.93
(WY)	1962	1940	1960	1962	1948	1948	1961	1961	1954	78.1 433 1967 6.06 1949	1949	1948
	Y STATIST	ICS		WA	rer years	1939 - 19	968					
ANNIIAT.	MEAN				170	19 Feb 1 19 Nov 30 19 Jul 17 19 Feb 1 19						
HIGHES	T ANNUAL N	MEAN			321	19	952					
LOWEST	ANNUAL ME	EAN			58.9	19	961					
HIGHES	T DAILY ME	EAN		88	310	Feb 1 19	963					
LOWEST	DAILY MEA	AN			3.0	Nov 30 19	954					
ANNUAL	SEVEN-DAY	MINIMUM			4.0	Jul 17 19	949					
MAXIMU	M PEAK FLO	W		133	3 0 0	Feb 1 19	963					
MAXIMU	M PEAK STA	AGE			9.00	Feb 1 19	963					
ANNUAL	RUNOFF (A	AC-FT)		1232	200							
10 PER	CENT EXCER	EDS		4	154							
50 PER	CENT EXCER	EDS			70							
90 PER	CENT EXCE	EDS			13							
STATIS	TICS OF MO	ONTHLY MEA	N DATA FO	R WATER	EARS 196	9 - 2003,	BY WATER	YEAR (WY)				
MEAN	71.7	42.3	71.9	104	87.8	137	307	534	324	170 1301 1983 24.1 1981	114	58.4
MAX	503	132	711	1089	400	418	923	1371	1733	1301	573	359
(WY)	1974	1975	1984	1997	1996	1996	1986	1969	1983	1983	1975	1971
MIN	0.56	0.75	2.85	16.7	10.6	13.8	25.6	30.6	28.1	24.1	1.65	0.47
(WY)	1970	1970	1970	1980	1970	1970	1970	1988	1988	1981	1969	1969
SUMMAR	Y STATIST	ics	FOR 2	2002 CALE	NDAR YEAR	r FC	DR 2003 WA	TER YEAR		WATER YEARS	1969 -	2003
ANNUAL	TOTAL			58135			35842					
	MEAN			159			98.2			169		
HIGHES	T ANNUAL N	MEAN								427		1983
LOWEST	ANNUAL ME	EAN								427 53.4		1992
HIGHES	T DAILY ME	EAN		786	Apr 29)	270	Apr 15		2590	Jan 12	1997
		EAN AN		16	Oct 31	-	16	Oct 31		0.30	Sep 16	1969
		MINIMUM		18	Oct 30)	18	Oct 30		53.4 2590 0.30 0.31 3850 5.26 122500	Sep 15	1969
	M PEAK FLO						301	Apr 15		3850	Jan 3	1997
	M PEAK STA						1.69	Apr 15		5.26	Jan 3	1997
ANNUAL	RUNOFF (A	AC-FT)		115300			71090			122500		
10 PER	CENT EXCE	AC-FT) EDS EDS		540			262			464		
50 PER	CENT EXCER	SUS		67			61			54		

31

28

32

10344490 BOCA RESERVOIR NEAR TRUCKEE, CA

 $LOCATION.-Lat\ 39^{\circ}23'20", long\ 120^{\circ}05'43", in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec. 28,\ T.18\ N.,\ R.17\ E.,\ Nevada\ County,\ Hydrologic\ Unit\ 16050102,\ in\ control\ house\ at\ Boca\ Dam\ on\ Little\ Truckee\ River,\ 1,800\ ft\ upstream\ from\ mouth,\ and\ 6.3\ mi\ northeast\ of\ Truckee.$

DRAINAGE AREA.--172 mi².

PERIOD OF RECORD.--December 1938 to current year. Prior to October 1976 published as "at Boca." Monthend contents only for December 1938 to September 1957, published in WSP 1734.

REVISED RECORDS.--WSP 1634: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam. Storage began December 8, 1938. Usable capacity, 40,868 acre-ft between elevations 5,521 ft, outlet sill, and 5,605 ft, top of spillway gates. Elevation of spillway (gate open) is 5,589.01 ft. Dead contents, 241 acre-ft. Records, including extremes, represent usable contents at 0800 hours. Water is used for irrigation in the State of Nevada and for power development. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES (at 0800) FOR PERIOD OF RECORD.--Maximum contents, 41,440 acre-ft, December 23, 1955, elevation, 5,605.55 ft; minimum, 37 acre-ft, March 4-9, 1955, elevation, 5,521.65 ft.

EXTREMES (at 0800 hours) FOR CURRENT YEAR.—Maximum contents, 31,500 acre-ft, August 23, elevation, 5,594.78 ft, July 25; minimum, 3,860 acre-ft, December 4, elevation, 5,546.32 ft.

		, (E					and cont of Reclamat		cre-feet) d November	1970)		
	5,5 ⁴ 5,5 ⁴ 5,55	45	2,356 3,513 4,970	5,555 5,560 5,570	8,	725 778 768	5,580 5,590	20,00 27,48		5,600 5,605	36,128 40,868	
			RESERVOIR	STORAGE (EAR OCTOBE T 0800 HO		SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27400	10300	3960	4820	8870	16200	19300	23500	30000	30800	31000	31300
2	26900	9950	3930	4840	9400	16200	19300	23300	30200	30800	31100	31300
3	26300	9590	e3890	4860	9870	16200	19400	23000	30400	30700	31100	31300
4	25800	9220	3860	4930	10300	16200	19400	22700	30500	30700	31100	31300
5	25300	e8830	3870	5010	10800	16200	19300	22600	30600	30700	31200	31300
6	24800	8440	3940	5090	11300	16100	19200	22600	30600	30700	31200	31200
7	24300	8040	4000	5170	11700	16100	19200	22700	30700	30800	31200	31200
8	23700	7770	4070	5250	12200	16200	19100	22900	30800	30800	31200	31200
9	23100	7830	4130	5300	12600	16200	19000	23100	30900	30800	31200	31100
10	22600	7930	4200	5350	13000	16200	19000	23300	31000	30800	31200	31000
11	22100	7900	4260	5430	13500	16200	19000	23500	31000	30800	31200	30900
12	21500	7790	4330	5500	13900	16300	19000	23600	e31000	30800	31200	30700
13	21000	7610	4400	5580	14300	16500	19100	23800	e31100	30800	31300	30600
14	20400	7430	4460	5660	14600	16700	19200	24000	31100	30800	31300	30400
15	19800	7250	4570	5730	14800	16900	19300	24000	31100	30900	31300	30300
16	19300	7100	4700	5800	15100	17300	19400	24200	31200	30900	31300	30100
17	18700	7020	4800	5880	15300	17500	19500	24500	31200	31000	31300	29900
18	18200	6890	4730	5950	15500	17600	19600	24800	31300	31100	31300	29700
19	17600	6670	4640	6030	15600	17700	19900	25100	31300	31100	31300	29500
20	17000	6420	4620	6100	15700	17900	20200	25400	31300	31100	31300	29300
21	16500	6120	4600	6170	15800	18000	20500	25600	31400	31100	31400	29100
22	15900	5840	4570	6250	15900	18100	20800	26000	31400	31100	31400	28800
23	15300	5570	4540	6350	15900	18300	21200	26400	31400	31200	31500	28600
24	14800	5300	4510	6560	16000	18500	21700	26900	31400	31200	31400	28400
25	14200	5000	4480	6770	16000	18600	22200	27400	31400	31200	31400	28100
26	13600	4690	4450	7000	16100	18800	22700	27900	31300	31100	31400	27900
27	13000	4390	4430	7210	16100	18900	23100	28500	31200	31100	31400	27600
28	12500	4170	4430	7450	16200	19100	23500	29000	31100	31000	31400	27300
29	11900	4030	4550	7660		19200	23700	29400	31100	31000	31300	27100
3 0	11400	3990	4650	8000		e19200	23600	29600	31000	31000	31300	26800
31	10800		4770	8360		19300		29800		31000	31300	
MAX	27400	10300	4800	8360	16200	19300	23700	29800	31400	31200	31500	31300
MIN	10800	3990	3860	4820	8870	16100	19000	22600	30000	30700	31000	26800
a	5564.46	5546.80	5549.43	5559.11	5574.13	5578.96	5585.09	5592.90	5594.22	5594.27	5594.62	5589.22
b	-17100	-6810	+780	+3590	+7840	+3100	+4300	+6200	+1200	0	+300	-4500

CAL YR 2002 MAX 40100 MIN 3860 b -1850 WTR YR 2003 MAX 31500 MIN 3860 b -1100

e Estimated

a Elevation, in feet, at end of month

b Change in contents, in acre-feet

AC-FT

PYRAMID AND WINNEMUCCA LAKES BASIN

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM, NEAR TRUCKEE, CA

LOCATION.--Lat 39°23'13", long 120°05'40", in NE ¹/₄ NW ¹/₄ sec.28, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on right bank, 800 ft upstream from mouth, 1,000 ft downstream from Boca Dam, and 6.2 mi northeast of Truckee.

DRAINAGE AREA.--173 mi².

PERIOD OF RECORD.--April to October 1890 (monthly discharge only), January 1911 to September 1915, January 1939 to current year. Prior to October 1976 published as "at Boca." Monthly discharge only for January 1939 to September 1957, published in WSP 1734.

REVISED RECORDS .-- WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,500 ft above NGVD of 1929, from topographic map. January 1, 1911, to September 30, 1915, nonrecording gage at site 650 ft downstream at different datum. January 1939 to September 1957, records computed from daily log of rated settings of needle valve in dam, and from computed flow over spillway.

REMARKS.--Records good. Flow regulated by Boca Reservoir (station 10344490) since 1938, Independence Lake (station 10342900) since 1939, and Stampede Reservoir (station 10344300) since 1969. There is one transmountain diversion to Sierra Valley of about 6,000 acre-ft per year. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 8,800 ft³/s, December 24, 1955, from records of Washoe County Water Conservation District; no flow for many days in many years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC FEB MAR APR MAY JUL AUG SEP JAN JUN 0.77 0.47 0.80 5.0 0.45 0.79 2.7 0.75 0.45 0.35 0.45 0.71 0.41 0.31 0.43 0.72 0.37 0.28 0.42 0.74 0.35 0.42 0.85 0.33 0.41 0.91 0.33 5.7 0.40 0.33 0.36 0.40 1.3 0.33 0.33 0.40 1.4 5.2 0.35 0.44 1.3 0.46 0.35 0.42 0.55 1.4 0.59 0.32 0.47 0.44 1.4 0.30 0.43 0.42 1.5 0.30 0.38 0.31 0.42 0.38 1.6 2.0 0.32 0.42 0.38 1 6 0.33 0.42 0.38 0.36 8.4 0.38 0.47 0.39 0.47 0.39 0.50 0.46 0.65 0.38 0.46 0.39 1.1 8.0 2.8 0.47 0.38 1.1 8.0 0.49 0.46 0.92 0.38 0.77 0.45 TOTAL 4665 54 842.47 121 47 106 44 741.48 4979 70 963 04 27.2 79 MEAN 3.92 3.80 23.9 32.1 57.8 MAX MIN 0.33 0.28 0.40

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM, NEAR TRUCKEE, CA--Continued

		10344500	LITTLE '	TRUCKEE	RIVER BE	ELOW BO	CA DAM, NE	AR TRUCK	EE, CA-	-Continued		
STATIST	CICS OF MO	NTHLY MEA	N DATA FO	OR WATER Y	YEARS 191	L1 - 1915	, BY WATER	YEAR (WY)				
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	22.8	38.1	29.2	83.4	75.5	196	721	790	582	169	36.5	26.3
MAX	34.2	58.4	39.3	283	173	558	1367	1260	1211	435	66.3	35.7
(WY)	1915		1914	1914	1914	1914	1914	1911	1911	1911	1911	1912
MIN	14.1	28.4	23.2 1912	20.5	28.4	56.3	106	379	212 1913	50.7	20.1	14.4
(WY)	1914	1915	1912	1913	1912	1912	1912	1912	1913	1912	1915	1915
SUMMARY	STATISTI	CS		WAT	rer years	3 1911 -	1915					
ANNUAL	MEAN			1	193							
HIGHEST	ANNUAL M	IEAN		3	387		1914					
	ANNUAL ME				94.7		1912					
	DAILY ME			23	.00	Apr 15 Sep 26						
	SEVEN-DAY				.00	Sep 26						
	RUNOFF (A			1401	100	-						
	ENT EXCEE				300							
	ENT EXCEE				49							
90 PERC	ENT EXCEE	ius			16							
OM 3 M T OM	ITGG OF MO	NULL V MED		n wamen i	/BADG 102	1060	, BY WATER	MESE (MM)				
SIAIISI	ICS OF MO	MIHLI MEAI	N DAIA FO	JR WAIER I	IEARS 193	39 - 1969	, BI WALER	IEAR (WI)				
MEAN	89.7	106	144	156	160	132	264	426	315	159	146	120
MAX (WY)	303 1968	611 1951	856 1951	649 1965	606 1963	442 1967	808 1952	1647 1952	974 1967	389 1967	408 1958	414 1952
MIN	.000	.12	.20	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1940	1967	1960	1939	1939	1939	1939	1939	1939		1939	1939
SUMMARY	STATISTI	CS		WAT	TER YEARS	3 1939 -	1969					
ANNUAL					190							
	' ANNUAL M				135		1952					
	ANNUAL ME				65.8 520	Dec 24	1961					
	DAILY MEA			5:		Jan 1						
	SEVEN-DAY				.00	Jan 1						
	PEAK FLO				300	Dec 24	1955					
	RUNOFF (A			1377								
	ENT EXCEE				130 107							
	ENT EXCEE			-	.02							
STATIST	CICS OF MO	NTHLY MEAI	N DATA FO	OR WATER Y	YEARS 197	70 - 2003	, BY WATER	YEAR (WY)				
MEAN	113	79.6	94.2	113	88.9	123	275	470	301	203	150	116
MAX	441	327	568	1296	433	522	975	1148	1788	1131	585	418
(WY)	1972	1984	1984	1997	1997	1996	1986	1985	1983	1983	1975	1971
MIN	0.000	0.020	0.11	0.001	1.60	0.13	0.39	0.31	2.63	0.75	13.6	0.55
(WY)	1995	1991	1978	1995	1995	1995	1988	1988	1977	1981	1984	1970
SUMMARY	STATISTI	CS	FOR 2	2002 CALEN	NDAR YEAR	2	FOR 2003 WA	TER YEAR		WATER YEAR	S 1970 -	2003
ANNUAL	TOTAL			62017.72	2		39533.14					
ANNUAL	MEAN			170			108			178		
	' ANNUAL M									470		1983
	ANNUAL ME			711	Jun 1	ı	A A E	May 2		55.6 2530	.Tan 0	
	DAILY MEA				B Dec 9			Jan 7		0.00		
		MINIMUM		0.35	Dec 6	5	0.32	Jan 15				
	PEAK FLO						445	May 1		0.00 2720	Jan 8	1997
	PEAK STA			102000			3.21	May 1		6.14 128800	Jan 8	1997
	RUNOFF (A	. ,		123000 406			78410 297			128800		
	ENT EXCEE			94			71			90		
90 PERC	ENT EXCEE	DS		19			0.41			0.58		

10344505 TRUCKEE RIVER AT BOCA BRIDGE, NEAR TRUCKEE, CA

LOCATION.—Lat 39°23'07", long 120°05'12", in SE 1 / $_{4}$ NE 1 / $_{4}$ sec.28, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on right bank, 0.4 mi downstream from mouth of Little Truckee River, 0.7 mi southeast of Boca Dam, 6.5 mi northeast of Truckee, and 10.6 mi north of Kings Beach.

DRAINAGE AREA.—173 mi².

PERIOD OF RECORD.—August 2002 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 5,527 ft above NGVD of 1929, from topographic map.

REMARKS.—Records good. Flow regulated by Lake Tahoe and Donner, Martis Creek, and Independence Lakes, and Prosser Creek, Stampede, and Boca Reservoirs (stations 10337000, 10338400, 10339380, 10342900, 10340300, 10344300, and 10344490, respectively), and by several powerplants. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 1,590 ft³/s, May 29, 2003, gage height, 7.89 ft; minimum daily, 50 ft³/s, December 11, 12, 2002.

		DIS	SCHARGE,	CUBIC FEET		, WATER LY MEAN	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	450	328	137	290	529	e295	974	821	1120	620	488	491
2	447	314	129	298	514	e287	896	918	1040	610	498	486
3	441	316	120	299	447	e287	837	941	974	625	483	492
4	438	314	103	276	e410	e291		951	957	609	468	505
5	432	324	75	273	e376	e292	885	827	902	613	478	512
6	439	342	58	288	e342	e301	890	768	849	623	480	501
7	441	370	54	274	e321	e300	831	677	886	618	480	481
8	439	513	51	276	e304	e297		683	872	613	480	486
9	441	450	56	284	e295	e297	851	662	836	617	501	524
10	443	312	53	286	e283	e295		665	806	636	496	546
11	440	327	50	284	e275	e299	898	676	747	632	481	547
12	441	342	50	274	e278	e305	932	681	690	629	489	561
13	438	383	66	278	e303	e323		747	651	622	492	559
14	437	419	512	280	e317	e404		948	616	585	496	545
15	436	419	267	270	e309	542		1030	584	583	491	541
16	431	379	206	267	e324	487	818	963	580	580	483	538
17	437	353	247	266	e305	436	782	906	606	626	494	546
18	437	350	248	265	e292	400		916	605	636	496	543
19	438	333	220	266	e289	347		925	553	634	494	537
20	434	331	266	269	e281	336	615	967	514	632	492	541
21	434	332	341	275	e281	339	612	1060	485	632	521	544
22	440	328	373	287	e283	411	578	1150	456	628	524	541
23	438	322	392	466	e289	634	477	1290	459	641	501	537
24	e435	315	380	573	e290	668	511	1320	437	633	500	536
25	431	310	371	459	e288	698	539	1280	426	627	498	534
26	427	314	316	451	e282	1030	558	1140	442	621	493	530
27	424	267	274	503	e283	974	551	1130	490	621	489	533
28	428	223	348	e661	e277	843	604	1250	504	581	495	534
29	422	164	302	e577		824	718	1280	571	492	502	532
30	413	140	269	e520		844	782	1340	621	479	505	516
31	398		267	498		918		1210		489	502	
TOTAL	13470	9934	6601	10833	9067	15004	22707	30122	20279	18787	15290	15819
MEAN	435	331	213	349	324	484	757	972	676	606	493	527
MAX	450	513	512	661	529	1030	974	1340	1120	641	524	561
MIN	398	140	50	265	275	287	477	662	426	479	468	481
AC-FT	26720	19700	13090	21490	17980	29760	45040	59750	40220	37260	30330	31380

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10345490 GRAY CREEK NEAR FLORISTON, CA

LOCATION.—Lat 39°22'22", long 120°01'49", in NE 1 /₄NE 1 /₄ sec.36, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, about 400 ft upstream from Truckee River, and about 1.6 mi southwest of Floriston.

DRAINAGE AREA.—17.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 2001 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 5,420 ft above sea level, from topographic map.

REMARKS.—Records fair including estimated daily discharges. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 248 ft 3 /s, May 28, 2003, gage height, 3.23 ft, maximum gage height, 3.87 ft, backwater from ice, January 24, 2002; minimum daily, 6.7 ft 3 /s, February 6, 2002.

Disabarga

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 100 ft³/s and maximum:

				Date May 28		ime 930	Discharge (ft ³ /s) *248	(height ft) 3.23			
		DIS	SCHARGE,	CUBIC FEET		, WATER LY MEAN	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	e7.7	7.4	e9.0	16	11		19	108	23	15	11
2	8.0	e7.7	7.4	8.7	15	e11		19	107	22	16	11
3	7.9	e7.7	e7.4	8.8	e14	11		19	108	21	15	11
4	8.0	e7.7	e7.6	9.2	e14	11		19	109	20	15	11
5	7.9	e7.7	e7.7	9.3	e13	11	18	19	114	19	14	11
6	7.8	e7.7	e8.0	e9.5	e13	10		19	111	19	13	10
7	7.7	e7.7	e8.0	e10	e13	11		19	103	18	13	10
8	7.7	e8.0	e7.8	e10	e12	11		19	112	17	13	10
9	7.6	e8.0	e7.6	9.7	e12	11		19	93	17	12	9.6
10	7.7	e8.5	7.4	9.9	e12	11	20	19	88	16	12	9.7
11	7.8	9.0	e7.4	9.5	12	11		19	72	16	12	9.4
12	7.8	9.4	e7.4	9.3	11	12		22	64	15	12	9.6
13	7.8	9.2	8.0	9.5	11	13		27	59	15	11	8.4
14	7.7	8.6	8.4	9.5	11	14		36	52	14	11	9.0
15	7.6	8.3	7.9	e9.5	11	18	19	43	45	14	11	9.4
16	7.6	8.2	8.5	e9.5	12	16	19	41	44	15	11	9.2
17	7.6	8.0	e8.5	9.8	e12	15	19	41	43	13	11	9.3
18	7.6	8.5	e8.5	10	e11	14		42	39	14	10	9.2
19	7.5	7.9	e8.5	10	11	14		41	36	14	11	9.1
20	7.7	8.5	e8.5	10	11	13	19	41	34	17	11	9.3
21	7.7	8.4	8.5	10	e11	13	20	52	32	14	15	9.2
22	7.8	8.3	e8.5	11	11	15	20	64	31	14	14	9.0
23	7.8	8.1	e8.5	16	e11	17		81	33	14	13	9.3
24	7.8	7.9	e8.5	16	11	18		94	33	14	12	9.4
25	7.7	7.8	e8.5	15	11	18	19	88	32	14	12	9.5
26	7.8	e7.7	e8.5	15	e11	20	19	86	30	13	12	9.5
27	7.8	e7.7	9.4	16	11	e21	19	102	28	13	12	9.5
28	7.7	e7.7	11	17	e11	20	19	124	27	16	12	9.5
29	7.8	e7.5	9.9	16		19	19	116	26	16	12	9.4
30	7.7	e7.5	9.2	15		20	19	106	23	15	11	9.2
31	e7.7		e9.0	16		22		120		15	11	
TOTAL	240.3	242.6	257.4	353.7	335	452	576	1576	1836	497	385	289.7
MEAN	7.75	8.09	8.30	11.4	12.0	14.6	19.2	50.8	61.2	16.0	12.4	9.66
MAX	8.0	9.4	11	17	16	22	22	124	114	23	16	11
MIN	7.5	7.5	7.4	8.7	11	10	18	19	23	13	10	8.4
AC-FT	477	481	511	702	664	897	1140	3130	3640	986	764	575

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2003, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	7.75	8.09	7.97	9.70	9.83	11.9	20.6	43.7	48.4	15.5	11.0	8.82
MAX	7.75	8.09	8.30	11.4	12.0	14.6	22.1	50.8	61.2	16.0	12.4	9.66
(WY)	2003	2003	2003	2003	2003	2003	2002	2003	2003	2003	2003	2003
MIN	7.75	8.09	7.63	7.98	7.69	9.15	19.2	36.5	35.5	14.9	9.51	7.98
(WY)	2003	2003	2002	2002	2002	2002	2003	2002	2002	2002	2002	2002
SUMMARY	STATIST	ICS	FOR 2	2002 CALEN	DAR YEAR	F	OR 2003 WA	TER YEAR		WATER YEARS	2002	- 2003
ANNUAL	TOTAL			5343.8			7040.7					
ANNUAL	MEAN			14.6			19.3			19.3		
HIGHEST	ANNUAL N	MEAN								19.3		2003
LOWEST	ANNUAL ME	EAN								19.3		2003
HIGHEST	DAILY ME	EAN		68	May 30		124	May 28		124	May 2	8 2003
LOWEST	DAILY MEA	AN		6.7	Feb 6		7.4	Dec 1		6.7	Feb	6 2002
ANNUAL	SEVEN-DAY	Y MINIMUM		7.0	Feb 2		7.5	Nov 28		7.0	Feb	2 2002
MAXIMUM	1 PEAK FLO	WC					248	May 28		248	May 2	8 2003
MAXIMUM	1 PEAK STA	AGE					3.23	May 28		a3.87	Jan 2	4 2002
ANNUAL	RUNOFF (A	AC-FT)		10600			13970			13970		
10 PERC	CENT EXCE	EDS		31			36			36		
50 PERC	CENT EXCE	EDS		8.6			12			12		
90 PERC	CENT EXCE	EDS		7.5			7.7			7.7		

a Backwater from ice

10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.—November 2001 to current year.

pH: December 2001 to current year.

SPECIFIC CONDUCTANCE: December 2001 to current year. WATER TEMPERATURE: December 2001 to current year.

TURBIDITY: December 2001 to current year. SEDIMENT: November 2001 to current year.

PERIOD OF DAILY RECORD.—December 2001 to current year.

pH: December 2001 to current year.

SPECIFIC CONDUCTANCE: December 2001 to current year. WATER TEMPERATURE: December 2001 to current year.

TURBIDITY: December 2001 to current year.

INSTRUMENTATION.—Water-quality monitor since December 2001.

REMARKS.—Water temperature records rated excellent, while pH records are rated good. Specific conductance and turbidity records rated fair. Interruptions in record due to malfunction of recording equipment.

EXTREMES FOR PERIOD OF DAILY RECORD.—

pH: Maximum recorded, 8.8 standard units, several days in 2003; minimum recorded, 7.0 standard units, July 20, 2003.

SPECIFIC CONDUCTANCE: Maximum recorded, 257 microsiemens, July 28, 2003; minimum recorded, 15 microsiemens, May 22, 2003. WATER TEMPERATURE: Maximum recorded, 21.5°C, July 10, 2002, July 21, 29, 2003; minimum recorded, 0.0°C, several days in December 2001 and many days in 2002, 2003.

TURBIDITY: Maximum recorded, >4000 NTU, July, 20, 21, 28, 29, Aug. 21, 2003; minimum recorded, 0.0 NTU, some days in each year.

EXTREMES FOR CURRENT YEAR.—

pH: Maximum recorded, 8.8 standard units, several days; minimum recorded, 7.0 standard units, July 20.

SPECIFIC CONDUCTANCE: Maximum recorded, 257 microsiemens, July 28; minimum recorded, 15 microsiemens, May 22.

WATER TEMPERATURE: Maximum recorded, 21.5°C, July 21, 29; minimum recorded, 0.0°C, many days.

TURBIDITY: Maximum recorded, >4000 NTU, July, 20, 21, 28, 29, Aug. 21, 2003; minimum recorded, 0.0 NTU, several days in October.

> Actual value is known to be greater than value shown.

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTO	BER	NOVEME	BER	DECEM	BER	JANU	ARY	FEBRU	ARY	MARC	СН
1	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2	8.7	8.3	8.7	8.3
2	8.3	8.2	8.3	8.2	8.3	8.2	8.4	8.2	8.6	8.3	8.6	8.3
3	8.3	8.2	8.3	8.2	8.3	8.1	8.4	8.2	8.5	8.3	8.7	8.3
4	8.3	8.2	8.3	8.2	8.3	8.2	8.5	8.2	8.5	8.3	8.7	8.3
5	8.3	8.2	8.3	8.1	8.3	8.1	8.4	8.2	8.5	8.3	8.7	8.3
6	8.3	8.2	8.2	8.1			8.4	8.2	8.5	8.3	8.7	8.3
7	8.3	8.2	8.2	8.1	8.3	8.2	8.4	8.2	8.5	8.3	8.7	8.3
8	8.3	8.2	8.2	8.1	8.3	8.2	8.4	8.2	8.4	8.3	8.8	8.3
9	8.4	8.2	8.2	8.1	8.3	8.2	8.5	8.2	8.4	8.3	8.8	8.3
10	8.4	8.2	8.2	8.1	8.3	8.2	8.6	8.2	8.5	8.3	8.8	8.3
11	8.3	8.2	8.2	8.1	8.3	8.2	8.6	8.2	8.6	8.3	8.8	8.3
12	8.3	8.2	8.3	8.1	8.3	8.2	8.7	8.2	8.6	8.3	8.8	8.3
13	8.3	8.2	8.3	8.2	8.3	8.2	8.7	8.2	8.6	8.3	8.7	8.3
14	8.3	8.2	8.2	8.1	8.3	8.1	8.6	8.2	8.6	8.3	8.7	8.3
15	8.3	8.2	8.3	8.1	8.3	8.1	8.5	8.2	8.6	8.3	8.5	8.3
16	8.3	8.2	8.3	8.1	8.3	8.1	8.5	8.2	8.5	8.3	8.6	8.3
17	8.3	8.2	8.3	8.1	8.2	8.1	8.6	8.2	8.5	8.3	8.6	8.3
18	8.3	8.2	8.3	8.1	8.2	8.1	8.6	8.2	8.5	8.3	8.7	8.3
19	8.3	8.2	8.3	8.1	8.2	8.1	8.6	8.2	8.6	8.3	8.7	8.2
20	8.3	8.2	8.3	8.1	8.2	8.2	8.6	8.2	8.6	8.3	8.7	8.2
21	8.3	8.2	8.3	8.1	8.3	8.2	8.7	8.2	8.6	8.3	8.8	8.2
22	8.3	8.2	8.3	8.1	8.3	8.2	8.8	8.2	8.6	8.3	8.8	8.2
23	8.3	8.2	8.3	8.1	8.2	8.1	8.7	8.2	8.6	8.3	8.7	8.3
24	8.3	8.2	8.3	8.1	8.2	8.1	8.6	8.2	8.7	8.3	8.7	8.3
25	8.3	8.2	8.3	8.2	8.2	8.1	8.6	8.3	8.6	8.3	8.7	8.3
26	8.3	8.2	8.2	8.1	8.3	8.1	8.6	8.3	8.6	8.3	8.5	8.3
27	8.3	8.2	8.2	8.1	8.3	8.2	8.6	8.3	8.7	8.3		
28	8.3	8.2	8.2	8.1	8.4	8.2	8.5	8.3	8.6	8.3	8.6	8.3
29	8.3	8.2			8.3	8.2	8.6	8.3			8.6	8.3
30	8.3	8.2	8.2	8.1	8.4	8.2	8.7	8.3			8.6	8.3
31	8.3	8.2			8.4	8.2	8.7	8.3			8.6	8.2
MONTH	8.4	8.2					8.8	8.2	8.7	8.3		

PYRAMID AND WINNEMUCCA LAKES BASIN 10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APR	IL	MA	Z	JUNI	Ξ	JUL	Y	AUGUS	ST	SEPTE	MBER
1	8.5	8.3	8.6	8.3	7.7	7.5	8.2	8.0	8.3	8.2	8.4	8.2
2	8.5	8.3	8.5	8.3	7.7	7.5	8.2	8.0	8.3	8.2	8.4	8.2
3	8.5	8.3	8.6	8.3	7.6	7.5	8.2	8.0	8.3	8.2	8.4	8.2
4	8.5	8.3	8.6	8.3	8.0	7.6	8.2	8.0	8.4	8.2	8.4	8.3
5	8.6	8.3	8.6	8.3	8.0	7.8	8.2	8.0	8.4	8.2	8.4	8.3
6	8.6	8.3	8.5	8.2	8.0	7.8	8.2	8.0	8.4	8.2	8.4	8.2
7	8.7	8.3	8.5	8.2	8.0	7.8	8.2	8.0	8.4	8.2	8.4	8.3
8	8.7	8.3	8.4	8.2	8.0	7.8	8.3	8.0	8.4	8.2	8.4	8.3
9	8.7	8.3	8.4	8.2	8.0	7.8	8.3	8.0	8.4	8.2	8.4	8.3
10	8.6	8.2	8.5	8.2	8.0	7.8	8.3	8.1	8.4	8.2	8.4	8.3
11	8.6	8.3	8.6	8.2	8.0	7.8	8.3	8.1	8.4	8.2	8.4	8.2
12	8.5	8.2	8.5	8.2	8.0	7.9	8.3	8.1	8.4	8.2	8.4	8.2
13	8.4	8.2	8.4	8.1	8.0	7.9	8.3	8.1	8.4	8.2	8.4	8.3
14	8.5	8.3	8.4	8.1	8.0	7.9	8.3	8.1	8.4	8.2	8.4	8.2
15	8.5	8.3	8.3	8.1	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.2
16	8.5	8.3	8.3	8.1	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.3
17	8.5	8.3	8.3	8.1	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.2
18	8.5	8.3	8.3	8.1	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.2
19	8.5	8.3	8.3	8.1	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.2
20	8.5	8.3	8.3	8.0	8.1	7.9	8.3	7.0	8.4	8.2	8.4	8.2
21	8.5	8.3	8.3	8.0	8.1	7.9	8.3	7.5	8.3	7.8	8.4	8.2
22	8.4	8.3	8.2	7.9	8.1	7.9	8.3	8.1	8.3	8.1	8.4	8.2
23	8.5	8.3	8.1	7.9	8.1	7.9	8.3	8.1	8.4	8.2	8.4	8.2
24	8.5	8.3	8.1	7.9	8.2	8.0	8.4	8.1	8.4	8.2	8.4	8.2
25	8.5	8.3	8.1	7.9	8.2	8.0	8.3	8.1	8.4	8.2	8.4	8.2
26	8.5	8.3	8.1	7.9	8.2	8.0	8.3	8.1	8.4	8.2	8.4	8.2
27	8.5	8.3	8.1	7.8	8.2	8.0	8.3	8.2	8.4	8.2	8.4	8.2
28	8.5	8.3	8.0	7.6	8.2	8.0	8.4	7.6	8.4	8.2	8.4	8.3
29	8.5	8.3	8.0	7.7	8.2	8.0	8.3	8.1	8.4	8.2	8.4	8.3
30	8.5	8.3	8.0	7.7	8.2	8.0	8.3	8.1	8.4	8.2	8.4	8.3
31			7.8	7.6			8.4	8.2	8.4	8.2		
MONTH	8.7	8.2	8.6	7.6	8.2	7.5	8.4	7.0	8.4	7.8	8.4	8.2

10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS/C AT 25 DEG. C, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	SPECI	FIC COND	ocimici, i	II CKOD I BIN	ENS/C AI 2	., DEG. C	, WATER YE	AR OCTOD	5K 2002 IC	, per ren	3EK 2003	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
DIII			111111	11214	111111	11114	111111	11114	rmmi	11111	111111	11111
	OCTO	BER	NOVEM	BER	DECEM	BER	JANUA	RY	FEBRUA	ARY	MARC	H
1	138	137	170	141	155	152	173	162	192	185	191	185
2	148	137	159	139	153	151	170	167	195	190	195	180
3	148	138	155	140	156	150	171	170	197	162	192	178
4	140	133	155	147	154	151	175	171	198	179	191	182
5	135	130	157	138			179	175	198	177	191	155
-												
6	134	130	142	127			181	175	201	178	190	186
7	133	131	135	110	151	138	188	174	200	180	190	186
8	132	123	152	88	153	142	183	153	204	179	189	185
9	131	115	157	129	148	142	182	176	194	179	187	184
10	125	116	148	135	153	144	181	178	199	180	187	182
10	123	110	110	133	133		101	170	100	100	107	102
11	119	113	149	145	151	144	182	179	199	193	187	183
12	132	113	148	145	150	142	182	178	197	192	185	178
13	130	116	150	145	148	135	189	178	193	186	181	175
14	123	115	151	150	145	137	186	182	192	190	185	175
				148					193	188	190	
15	133	116	151	140	156	141	187	177	193	100	190	163
16	125	118	150	148	156	134	187	151	192	182	196	190
17	140	123	150	148	155	144	186	182	192	186	197	191
18	143	126	150	145	163	155	195	182	192	178	203	189
19	144	135	148	144	165	156	186	183	194	190	203	171
20	146	138	145	135	160	141	187	183	194	190	190	175
21	140	143	142	135	150	1/7	106	101	195	188	191	176
21	149		143		152	147	186	181				
22	149	146	144	141	153	148	186	181	195	184	188	176
23	149	146	145	143	155	149	185	169	194	181	189	167
24	154	145	147	145	158	149	195	179	193	189	180	162
25	149	146	155	145	156	152	196	194	193	189	174	160
26	149	147	156	144	159	153	197	192	195	177	181	163
27	149	147	153	145	159	152	196	186	190	185		
28	150	148	155	147	169	159	200	189	194	178		
29	157	145			173	163	202	197				
30	159	145	158	148	173	167	199	194				
31	166	143			173	162	197	190				
31	100	143			1/3	102	101	100				
MONITHIA	1.00	112					202	1.51	204	1.00		
MONTH	166	113					202	151	204	162		
				_		_		_		_		
	APR	ΙL	MA	ď	JUNI	Ε	JULY		AUGUS	ST	SEPTEM	IBER
1	APRI		MA:		86	73	JULY 112	111	AUGUS	125	142	113
1 2												
					86	73	112	111	130	125	142	113
2					86 84	73 72	112 114 115	111 112 113	130 125 129	125 120 123	142	113
2 3 4			 		86 84 83 81	73 72 70 66	112 114 115 116	111 112 113 114	130 125 129 130	125 120 123 126	142 	113
2		 	 		86 84 83	73 72 70	112 114 115	111 112 113	130 125 129	125 120 123	142 	113
2 3 4 5					86 84 83 81	73 72 70 66 67	112 114 115 116 118	111 112 113 114 115	130 125 129 130 130	125 120 123 126 125	142	113
2 3 4 5					86 84 83 81 81	73 72 70 66 67	112 114 115 116 118	111 112 113 114 115	130 125 129 130 130	125 120 123 126 125	142 	113
2 3 4 5			 192	 173	86 84 83 81 81	73 72 70 66 67 68 68	112 114 115 116 118 118	111 112 113 114 115 116 117	130 125 129 130 130	125 120 123 126 125	142 	113
2 3 4 5 6 7 8			 192 196	 173 187	86 84 83 81 81 82 80 80	73 72 70 66 67 68 68 68	112 114 115 116 118 118 119 120	111 112 113 114 115 116 117 118	130 125 129 130 130	125 120 123 126 125 124 124 124	142 	113
2 3 4 5 6 7 8 9			 192 196 197	 173 187 193	86 84 83 81 81 82 80 80	73 72 70 66 67 68 68 64 67	112 114 115 116 118 118 119 120 122	111 112 113 114 115 116 117 118 119	130 125 129 130 130 128 128 130 131	125 120 123 126 125 124 124 124 118	142	113
2 3 4 5 6 7 8			 192 196	 173 187	86 84 83 81 81 82 80 80	73 72 70 66 67 68 68 68	112 114 115 116 118 118 119 120	111 112 113 114 115 116 117 118	130 125 129 130 130	125 120 123 126 125 124 124 124	142 	113
2 3 4 5 6 7 8 9			 192 196 197 201	173 187 193	86 84 83 81 81 82 80 80 79	73 72 70 66 67 68 68 64 67 70	112 114 115 116 118 118 119 120 122 123	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131	125 120 123 126 125 124 124 124 118 114	142	113
2 3 4 5 6 7 8 9			 192 196 197	 173 187 193	86 84 83 81 81 82 80 80	73 72 70 66 67 68 68 64 67	112 114 115 116 118 118 119 120 122	111 112 113 114 115 116 117 118 119	130 125 129 130 130 128 128 130 131	125 120 123 126 125 124 124 124 118	142	113
2 3 4 5 6 7 8 9			 192 196 197 201	173 187 193	86 84 83 81 81 82 80 80 79	73 72 70 66 67 68 68 64 67 70	112 114 115 116 118 118 119 120 122 123	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131	125 120 123 126 125 124 124 124 118 114	142	113
2 3 4 5 6 7 8 9 10			192 196 197 201	 173 187 193 194	86 84 83 81 81 82 80 80 79 80	73 72 70 66 67 68 68 64 67 70	112 114 115 116 118 118 119 120 122 123	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131 126	125 120 123 126 125 124 124 124 118 114	142	113
2 3 4 5 6 7 8 9 10 11 12 13			 192 196 197 201 200 196 173	 173 187 193 194	86 84 83 81 81 82 80 80 79 80	73 72 70 66 67 68 68 64 67 70	112 114 115 116 118 118 119 120 122 123	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131 126	125 120 123 126 125 124 124 124 118 114	142	113
2 3 4 5 6 7 8 9 10 11 12 13 14			 192 196 197 201 200 196 173 141	 173 187 193 194 191 171 137	86 84 83 81 81 82 80 80 79 80 82 84 85 86	73 72 70 66 67 68 68 64 67 70 73 75 77 80	112 114 115 116 118 118 119 120 122 123 124 124 125 126	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131 126 128 131 133 128	125 120 123 126 125 124 124 124 118 114 123 125 122 123	142	113
2 3 4 5 6 7 8 9 10 11 12 13			 192 196 197 201 200 196 173	 173 187 193 194	86 84 83 81 81 82 80 80 79 80	73 72 70 66 67 68 68 64 67 70	112 114 115 116 118 118 119 120 122 123	111 112 113 114 115 116 117 118 119 120	130 125 129 130 130 128 128 130 131 126	125 120 123 126 125 124 124 124 118 114	142	113
2 3 4 5 6 7 8 9 10 11 12 13 14 15			192 196 197 201 200 196 173 141	 173 187 193 194 191 171 137 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142	113
2 3 4 5 6 7 8 9 10 11 12 13 14 15			 192 196 197 201 200 196 173 141 133	 173 187 193 194 191 171 137 118 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 131	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151	113
2 3 4 5 6 7 8 9 10 11 12 13 14 15			 192 196 197 201 200 196 173 141 133	173 187 193 194 191 171 137 118 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151	113
2 3 4 5 6 7 8 9 10 11 12 13 14 15			 192 196 197 201 200 196 173 141 133	 173 187 193 194 191 171 137 118 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 88 87 87	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126	111 112 113 114 115 116 117 118 119 120 121 122 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151 151	113 150 148 149
2 3 4 5 6 7 8 9 10 11 12 13 14 15			 192 196 197 201 200 196 173 141 133	173 187 193 194 191 171 137 118 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151	113
2 3 4 5 6 7 8 9 10 11 12 13 14 15			 192 196 197 201 200 196 173 141 133	 173 187 193 194 191 171 137 118 118	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 88 87 87	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126	111 112 113 114 115 116 117 118 119 120 121 122 123 124	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151 151	113 150 148 149
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20			192 196 197 201 200 196 173 141 133 153 141 132 132	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 130 131 133 143 136	125 120 123 126 125 124 124 124 123 125 122 123 126 125 126 129 130	142 151 151 151 151	113 150 148 149 149
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19			192 196 197 201 200 196 173 141 133	173 187 193 194 191 171 137 118 118 114 120 120	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 88 87 87	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 124 125	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 130 131 133 143 136	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126	142 151 151 151	113 150 148 149
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20			192 196 197 201 200 196 173 141 133 153 141 132 132	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 133 128 130	125 120 123 126 125 124 124 124 123 125 122 123 126 125 126 129 130	142 151 151 151 151	113 150 148 149 149
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22			192 196 197 201 200 196 173 141 133 153 141 132 132 127	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 130 131 130 130 131	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23			192 196 197 201 200 196 173 141 133 153 141 132 127	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 89 99 99 99 96	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 133 128 130	125 120 123 126 125 124 124 124 124 125 122 123 126 125 129 130 132	142 151 151 151 151 151	113 150 148 149 148 148 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24			 192 196 197 201 200 196 173 141 133 153 141 132 127	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 87 89 92 95 96 101	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 133 128 130	125 120 123 126 125 124 124 124 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151 151 151	113 150 148 149 149 148 147
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23			192 196 197 201 200 196 173 141 133 153 141 132 127	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 89 99 99 99 96	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 133 128 130	125 120 123 126 125 124 124 124 124 125 122 123 126 125 129 130 132	142 151 151 151 151 151	113 150 148 149 148 148 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25			192 196 197 201 200 196 173 141 133 153 141 132 132 127	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 127 161 131 131 131 132	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 125 106 103 104 101 118 103	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 136 135	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148 147 148 147
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26			192 196 197 201 200 196 173 141 133 153 141 132 127 118 107 112 97 77	173 187 193 194 191 171 137 118 118 114 120 120 114 108	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106 103 104 101 118 103	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 132 134 136 135	125 120 123 126 125 124 124 124 123 125 122 123 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148 147 148 147 152
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27			192 196 197 201 200 196 173 141 133 153 141 132 132 127 118 107 112 97 77	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106 103 104 101 118 103	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 132 134 136 135	125 120 123 126 125 124 124 124 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151	113 150 148 149 149 148 147 152
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28			192 196 197 201 200 196 173 141 133 153 141 132 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 106 103 104 101 118 103 117 130 131	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 130 132 134 136 135	125 120 123 126 125 124 124 124 128 114 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151 151	113 150 148 149 148 147 148 147 152
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29			192 196 197 201 200 196 173 141 133 153 141 132 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24 25 22	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107 108	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 106 103 104 101 118 103 104 101 118 103	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 136 135 147	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148 147 148 147 152 152 151 150 151
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28			192 196 197 201 200 196 173 141 133 153 141 132 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 106 103 104 101 118 103 117 130 131	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 130 132 134 136 135	125 120 123 126 125 124 124 124 128 114 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148 147 148 147 152
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29			192 196 197 201 200 196 173 141 133 153 141 132 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24 25 22	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 89 92 95 96 101 103	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107 108	112 114 115 116 118 118 119 120 122 123 124 124 125 126 126 126 127 161 131 131 131 132 133	111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 106 103 104 101 118 103 104 101 118 103	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 131 136 135 147	125 120 123 126 125 124 124 124 118 114 123 125 122 123 126 125 126 129 130 132	142 151 151 151 151 151	113 150 148 149 149 148 147 148 147 152 152 151 150 151
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			192 196 197 201 200 196 173 141 133 153 141 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24 25 22	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 87 89 92 95 96 101 103 106 108 109 111	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107 108 109	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 126 127 161 131 131 131 132 133 134 134 134 134	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106 103 104 101 118 103 117 130 131 133 130	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 132 134 136 135	125 120 123 126 125 124 124 124 123 126 127 128 129 130 132 118 122	142 151 151 151 151	113 150 148 149 149 148 147 152 152 151 150
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			192 196 197 201 200 196 173 141 133 153 141 132 127 118 107 112 97 77 70 94	173 187 193 194 191 171 137 118 118 114 120 120 114 108 106 15 31 22 24 25 22	86 84 83 81 81 82 80 80 79 80 82 84 85 86 88 87 87 87 87 87 89 92 95 96 101 103 106 108 109 111	73 72 70 66 67 68 68 64 67 70 73 75 77 80 81 79 79 83 86 89 91 93 96 101 103 106 107 108 109	112 114 115 116 118 118 119 120 122 123 124 125 126 126 126 126 126 127 161 131 131 131 132 133 134 134 134 134	111 112 113 114 115 116 117 118 119 120 121 122 123 123 124 124 125 106 103 104 101 118 103 117 130 131 133 130	130 125 129 130 130 128 128 130 131 126 128 131 133 128 130 132 134 136 135	125 120 123 126 125 124 124 124 123 126 127 128 129 130 132 118 122	142 151 151 151 151	113 150 148 149 149 148 147 152 152 151 150

10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

TEMPERATURE, WATER, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTO	BER	NOVEME	BER	DECEM	BER	JANU.	ARY	FEBRU	ARY	MAR	.CH
1 2 3 4 5	8.5 8.5 9.5 11.0	3.0 2.5 1.5 6.5 3.5	0.5 0.5 1.5 2.0 3.0	0.0 0.0 0.0 0.0	2.5 2.5 1.5 2.0 2.5	0.5 0.0 0.0 0.0	1.0 4.0 3.5 4.0 3.0	0.0 1.0 1.5 2.0	5.5 3.0 2.5 1.5 0.0	1.5 0.0 0.0 0.0	5.5 4.5 4.0 4.5 6.5	0.0 0.0 0.0 0.0
6 7 8 9 10	12.0 12.0 11.5 11.5	4.5 4.5 4.0 4.5 6.0	4.0 4.5 5.0 4.5 4.5	0.0 2.5 3.0 1.5 2.0	1.5 0.5 3.0 3.5	0.0 0.0 0.0 0.0	1.5 1.0 2.0 3.5 4.5	0.0 0.0 0.0 2.0 2.0	0.0 0.0 0.0 0.0 2.5	0.0 0.0 0.0 0.0	7.0 7.0 7.5 6.5	0.5 0.0 0.0 0.5 2.0
11 12 13 14 15	9.0 8.5 9.5 9.5	3.0 1.5 2.5 3.5 2.5	5.0 6.5 6.5 4.5	2.5 2.0 3.0 1.5 0.5	2.5 2.5 4.5 4.5	0.0 0.0 1.5 0.0	4.0 5.0 5.0 3.5 2.0	1.5 1.5 1.5 0.5	3.5 3.5 5.0 5.5	0.5 0.5 2.5 2.0 1.5	8.0 9.0 10.0 7.5 5.0	1.5 2.0 3.5 3.0 1.5
16 17 18 19 20	9.0 9.0 9.0 8.5 8.5	2.5 2.5 2.5 2.0 2.5	5.0 4.0 3.0 4.0 4.5	1.5 1.0 0.0 0.5 1.0	1.5 0.0 0.0 0.0	0.0 0.0 0.0 0.0	2.0 3.0 3.0 3.5 3.5	0.0 0.5 0.5 0.5	3.5 3.0 3.5 4.0 5.0	0.0 0.0 0.0 1.0 0.0	5.0 4.5 6.5 6.5 8.0	0.5 2.0 0.0 0.0 2.0
21 22 23 24 25	8.0 8.0 7.5 6.5	2.5 2.0 2.5 2.0 3.0	5.5 6.0 5.5 4.0 2.0	1.5 3.0 2.5 1.0	2.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	4.5 5.5 6.0 5.0	1.5 3.0 3.0 2.5 3.0	4.5 5.0 4.5 5.0 3.5	0.0 0.0 0.0 1.5	10.0 9.5 7.5 9.5 9.0	1.5 3.0 4.0 3.5 2.5
26 27 28 29 30 31	7.0 7.0 6.5 5.5 5.5 3.0	2.0 2.0 2.0 0.5 0.0	1.0 0.5 1.0 1.5	0.0 0.0 0.0 	2.0 3.5 4.0 2.0 3.0 2.0	0.0 2.0 0.0 0.0 0.0	6.0 6.0 4.5 4.5 6.0	3.0 3.5 2.5 1.5 3.0 2.5	4.0 3.5 3.0 	0.0 0.0 0.0 	7.5 8.0 9.5 11.0	3.5 1.0 1.5 2.5 4.0
MONTH	12.0	0.0					6.0	0.0	5.5	0.0		
	APR	IL	MAY		JUNI	3	JUL	Y	AUGU	ST	SEPTE	MBER
1 2 3 4 5	7.0 5.0 6.0 5.0 7.5	2.0 0.5 0.0 0.5	9.5 7.5 10.0 9.5 12.0	2.0 4.5 4.0 4.0 3.0	12.5 13.0 13.0 13.0	4.5 5.0 5.0 5.5	15.5 16.0 16.5 16.5	7.0 6.5 8.0 6.0 6.5	17.0 14.5 17.5 20.0 18.5	12.0 12.5 10.0 10.5 9.0	18.0 19.0 16.5 16.5	8.0 8.5 10.0 10.0
6 7 8 9 10	4.5 10.0 11.5 11.5	2.0 1.0 2.0 3.0 3.0	9.5 9.0 6.5 4.5 10.0	3.0 3.5 2.5 2.5 2.0	13.0 13.5 14.0 14.0 13.5	5.0 6.0 6.0 5.5 5.0	16.5 16.5 17.0 18.0	6.5 6.5 7.0 7.5 8.5	18.5 18.0 18.5 18.5	8.5 7.5 8.0 7.0 8.0	18.0 16.0 14.5 14.0 14.5	8.0 9.0 8.0 7.5 5.5
11 12 13 14 15	11.0 8.0 3.5 7.0 7.5	4.0 1.5 0.5 1.0 0.0	12.5 14.0 14.0 13.5 13.0	2.5 3.5 4.0 4.5 4.0	13.5 13.5 13.5 13.5 14.0	5.0 5.0 5.5 4.5 4.5	17.5 17.5 17.5 17.5 17.5	7.5 8.0 8.5 7.5 8.0	18.5 18.5 18.5 19.0 20.0	8.0 7.5 8.0 8.5 10.0	16.0 17.0 14.5 16.0 13.0	6.0 7.5 6.5 6.0 7.0
16 17 18 19 20	6.5 8.5 9.5 10.5 8.0	1.5 3.0 2.5 1.0 2.5	11.5 12.5 11.5 12.0 13.5	3.0 3.5 2.0 3.0 3.5	15.0 16.0 15.0 14.0 14.0	6.5 7.5 8.0 6.0 6.0	19.0 18.5 19.0 20.0 19.0	9.5 10.0 10.5 12.0	19.5 20.0 20.5 20.5 18.5	9.5 8.5 10.0 10.5 10.0	14.0 12.0 12.5 15.0 14.5	7.0 4.5 3.5 5.0 5.5
21 22 23 24 25	7.5 6.5 9.0 6.5 8.0	3.0 2.5 3.5 3.5 2.0	14.0 13.5 13.5 12.5 10.5	4.5 4.0 4.5 5.0 4.5	13.5 13.0 8.0 13.5 14.5	5.0 5.0 5.0 5.0	21.5 21.0 19.0 20.5 19.0	11.5 11.5 13.0 13.0 11.5	16.0 18.0 19.0 19.5 19.5	13.0 11.5 9.0 9.5 8.5	15.0 15.5 16.0 15.5 15.0	5.5 6.0 6.5 7.0 6.5
26 27 28 29 30 31	10.0 9.0 10.0 6.5 7.0	1.5 2.5 2.5 2.0 1.5	12.0 13.0 12.5 11.5 11.5	4.5 5.0 5.0 5.5 4.5	16.0 16.5 17.0 16.5 15.5	6.5 7.5 8.5 8.5 6.0	20.0 19.0 19.5 21.5 21.0 21.0	11.0 12.0 11.0 12.0 12.0	18.5 19.0 19.0 18.0 18.5 14.5	11.5 9.5 9.0 8.0 7.5 9.0	14.5 15.5 15.5 15.0 15.0	5.5 6.0 7.0 7.0 6.5
MONTH	11.5	0.0	14.0	2.0	17.0	4.5	21.5	6.0	20.5	7.0	19.0	3.5

PYRAMID AND WINNEMUCCA LAKES BASIN 10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOR		NOVEM		DECEM		JANU		FEBRUZ		MAR	
1 2	6.3 5.4	0.1	11 21	0.1	15 10	0.8 0.9	32 9.5	1.0 1.4	16 18	2.1 1.3	17 22	1.0
3	3.7	0.1	6.6	0.3	11	0.7	60	1.1	13	1.6	14	1.2
4 5	5.4 9.8	0.2	19 6.9	0.2	5.0	0.7	13 16	1.2 1.2	15 12	1.5 1.2	6.5 9.1	0.8 0.8
6	20	0.0	8.2	0.8			37	1.1	9.0	1.2	9.9	0.8
7	7.7	0.0	110	1.1	7.4	0.6	27	0.8	13	1.4	4.8	0.9
8 9	14 2.6	0.0	45 27	9.7 10	14 67	0.4	11 20	0.9 1.3	7.8 12	1.5 1.7	16 6.2	1.1 1.1
10	3.8	0.0	29	3.8	4.0	0.8	11	1.2	100	1.9	9.5	1.1
11	5.1	0.0	74	3.8	43	0.6	14	0.9	17	1.5	15	0.9
12 13	8.9 7.2	0.0	19 11	2.5 2.4	5.9 11	0.8 1.0	88 22	1.0 0.9	24 17	1.5 1.5	11 17	1.3
14	7.4	0.0	14	2.5	18	1.3	10	0.6	8.5	1.3	18	2.7
15	6.9	0.2	8.5	2.0	18	1.1	14	0.7	13	1.2	120	3.3
16	13	0.0	18	0.8	18	2.0	20	0.7	61	1.4	11	2.3
17 18	11 5.0	0.1	20 16	1.3 1.0	19 3.1	1.0	63 29	0.8 1.3	16 27	1.1 0.9	11 12	2.2
19	5.9	0.4	78	0.9	8.2	0.4	23	1.2	13	1.0	14	1.7
20	6.9	0.2	9.2	1.0	18	0.5	16	1.2	9.3	0.9	10	0.9
21 22	9.4 5.0	0.1	7.7 6.4	1.2	24 8.9	1.4	18 33	1.4 1.1	21 25	1.0	13 16	1.0
23	4.9	0.0	8.6	1.0	1.7	0.4	120	7.0	19	0.9	19	2.6
24 25	10 7.7	0.0	18 8.9	0.9 0.8	2.6 2.8	0.5 0.8	38 14	5.0 2.9	17 18	1.0	12 15	2.1 1.8
26 27	9.0 9.0	0.1	9.2 13	0.8	8.9 19	1.9 1.8	22 29	2.2	16 7.0	0.8	99	5.0
28	3.6	0.0	8.3	0.9	11	1.6	26	3.3	16	0.7	25	3.1
29 30	4.1 6.0	0.1 0.5	7.5	0.7	20 8.9	1.1	13 12	2.5 2.2			17 30	2.4
31	13	0.6			19	1.1	20	1.8			45	3.9
MONTH	20	0.0					120	0.6	100	0.7		
MONTH	20 APRI		 MA		JUN		120 JUI		100 AUGU		SEPTE	
MONTH 1												
1 2	APR1 32 13	5.0 2.6	MA 890 21	Y 2.7 2.4	JUN 	E 	JUI 14 36	1.7 2.1	AUGU: 200 540	100 86	SEPTE 36 46	MBER 20 18
1 2 3 4	APRI	IL 5.0	MA 890	Y 2.7	JUN 	E 	JUI 14	LY 1.7	AUGU:	ST 100	SEPTE	MBER 20
1 2 3	APR1 32 13 27	5.0 2.6 3.5	MA 890 21 22	2.7 2.4 3.1	JUN 	E 	JUI 14 36 640	1.7 2.1 1.8	AUGU: 200 540 120	100 86 62	SEPTE 36 46 37	MBER 20 18 18
1 2 3 4 5	32 13 27 22 24	5.0 2.6 3.5 1.7 1.7	MA 890 21 22 16 15	2.7 2.4 3.1 2.2 2.8 3.5	JUN 90 65	 24	JUI 14 36 640 56 260	1.7 2.1 1.8 1.8 2.1	AUGU: 200 540 120 81 78	100 86 62 49 44	SEPTE 36 46 37 58 310	MBER 20 18 18 15 18
1 2 3 4 5	32 13 27 22 24 20 33	5.0 2.6 3.5 1.7 1.7	MA 890 21 22 16 15	Y 2.7 2.4 3.1 2.2 2.8 3.5 2.9	JUN 90 65 70	 24 20 19	JUI 14 36 640 56 260 450 1100	1.7 2.1 1.8 1.8 2.1 1.9	AUGUS 200 540 120 81 78 78	100 86 62 49 44 30 28	SEPTE 36 46 37 58 310 51 38	MBER 20 18 18 15 18 12 14
1 2 3 4 5 6 7 8 9	32 13 27 22 24 20 33 30 56	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5	MA 890 21 22 16 15 20 15 11	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4	JUN 90 65 70 98 110	E 24 20 19 19 22	JUI 14 36 640 56 260 450 1100 560 710	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9	AUGUS 200 540 120 81 78 78 93 57	100 86 62 49 44 30 28 24 25	SEPTE 36 46 37 58 310 51 38 30 24	20 18 18 15 18 12 14 13 11
1 2 3 4 5	32 13 27 22 24 20 33 30	5.0 2.6 3.5 1.7 1.7	MA 890 21 22 16 15 20 15	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9	JUN 90 65 70 98	E 24 20 19 19	JUI 14 36 640 56 260 450 1100 560	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0	AUGUS 200 540 120 81 78 78 93 57	100 86 62 49 44 30 28 24	SEPTE 36 46 37 58 310 51 38 30	MBER 20 18 18 15 18 12 14 13
1 2 3 4 5 6 7 8 9 10	32 13 27 22 24 20 33 30 56 35	5.0 2.6 3.5 1.7 1.7 2.9 3.5 2.9	MA 890 21 22 16 15 20 15 11 15 36	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4	JUN 90 65 70 98 110 78	E 24 20 19 19 22 18	JUI 14 36 640 56 260 450 1100 560 710 870	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5	AUGUS 200 540 120 81 78 78 93 57 93 150	100 86 62 49 44 30 28 24 25 24	SEPTE 36 46 37 58 310 51 38 30 24 26	20 18 18 15 18 12 14 13 11 9.0
1 2 3 4 5 6 7 8 9	32 13 27 22 24 20 33 30 56 35	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9	MA 890 21 22 16 15 20 15 11 15 36	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4	JUN 90 65 70 98 110 78	E	JUI 14 36 640 56 260 450 1100 560 710 870	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9	AUGUS 200 540 120 81 78 78 93 57 93 150	100 86 62 49 44 30 28 24 25 24	SEPTE 36 46 37 58 310 51 38 30 24 26	20 18 18 15 18 15 18 12 14 13 11 9.0
1 2 3 4 5 6 7 8 9 10	32 13 27 22 24 20 33 30 56 35 40 44 18 24	5.0 2.6 3.5 1.7 1.7 1.5 1.5 2.9 3.5 2.9 2.9 3.5 2.9	MA 890 21 22 16 15 20 15 11 15 36 27 130 290 260	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 3.3	JUN 90 65 70 98 110 78 40 33 27 22	E 24 20 19 19 22 18 15 12 11 7.9	JUI 14 36 640 56 260 450 1100 560 710 870 880 460 760 500	1.7 2.1 1.8 1.8 2.1 1.9 1.5 1.6 1.5 2.0	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34	100 86 62 49 44 30 28 24 25 24 19 20 13 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26	20 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4	890 21 22 16 15 20 15 11 15 36 27 130 290 260 160	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22	JUN 90 65 70 98 110 78 40 33 27 22 18	24 20 19 19 22 18 15 12 11 7.9 9.2	JUI 14 36 640 56 260 450 1100 560 710 870 880 460 760 500 1100	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45	100 86 62 49 44 30 28 24 25 24 19 20 13	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22	20 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4	MA 890 21 22 16 15 20 15 11 15 36 27 130 290 260 160 78	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 3.3	JUN 90 65 70 98 110 78 40 33 27 22 18	E	JUI 14 36 640 56 260 450 1100 560 710 870 880 460 760 500 1100	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4	890 21 22 16 15 20 15 11 15 36 27 130 290 260 160	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22	JUN 90 65 70 98 110 78 40 33 27 22 18	24 20 19 19 22 18 15 12 11 7.9 9.2	JUI 14 36 640 56 260 450 1100 560 710 870 880 460 760 500 1100	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45	100 86 62 49 44 30 28 24 25 24 19 20 13 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22	20 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48	1.5 1.7 1.7 1.5 1.5 2.9 3.5 2.9 2.9 3.5 2.9	890 21 22 16 15 20 15 11 15 36 27 130 290 260 160	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28	24 20 19 19 22 18 15 12 11 7.9 9.2 7.4 6.4 6.5 6.4	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 22 25 59 17	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	APRI 32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43	5.0 2.6 3.5 1.7 1.7 1.5 1.5 2.9 3.5 2.9 2.9 3.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4	MA 890 21 22 16 15 20 15 11 15 36 27 130 290 260 160 78 59 62 58 240	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 2.4 3.3 3.3 11 22 22	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14	E	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 25 59 17 30	MBER 20 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	APRI 32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 48 43 130	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4 4.3	MA 890 21 22 16 15 20 15 11 15 36 27 130 290 260 160 78 59 62 58 240	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 2.4 3.3 3.3 11 22 22	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14	E 24 20 19 19 22 18 15 12 11 7.9 9.2 7.4 6.4 6.5 6.4 5.6 4.3	### JUI 14	1.7 2.1 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 16 12 14 12 11	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 25 59 17 30 16	MBER 20 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43	5.0 2.6 3.5 1.7 1.7 1.5 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4 4.3	890 21 22 16 15 20 15 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22 21 19 14 9.8 12 11	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14	E	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	AUGUS 200 540 120 81 78 78 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 12 14 12 11	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 25 59 17 30 16 18 13	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.3
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 3.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4 4.3	890 21 22 16 15 15 11 15 36 27 130 290 260 160 78 59 62 58 240	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22 19 14 9.8 12 11	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14	E 24 20 19 19 22 18 15 12 11 7.9 9.2 7.4 6.4 6.5 6.4 5.6 4.3 4.6	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 16	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 25 59 17 30 16 18	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43 130 17 12 12 22	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 3.5 2.9 2.9 4.6 3.5 2.4 4.3 3.5 2.4 4.3	890 21 22 16 15 15 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100 200	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22 19 14 9.8 12 11 23 30 45 50 44	JUN 90 65 70 98 110 78 40 33 27 22 18 37 32 20 28 14 16 20 24 20 17	E	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7 1.2 0.9 0.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200 340 160	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 16 12 14 12 11 13 170 95 67 57	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 22 55 17 30 16 18 13 20 14	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.3 5.0 5.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	APRI 32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43 130 17 12 12 22 49 18	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4 4.3 3.5 2.6 2.4 3.7 1.9	890 21 22 16 15 20 15 11 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100 1000 200	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 2.4 3.3 3.3 11 22 22 19 14 9.8 12 11	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14 16 20 24 20 17	E	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200 340 160 110 64	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 12 14 12 11 13 170 95 67 57	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 22 25 59 17 30 16 18 13 20 14 20 20	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.0 5.0 6.7 4.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	APRI 32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 48 43 130 17 12 12 22 49 18 78	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 3.5 2.9 2.9 3.5 2.4 2.3 2.1 2.2 2.4 4.3 3.5 2.6 2.4 3.5	890 21 22 16 15 20 15 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100 1000 200 160 780	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22 19 14 9.8 12 11 23 30 45 50 44	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14 16 20 24 20 17 43 12 10	E	### JUI 14	1.7 2.1 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7 1.7 1.2 0.9 0.7	200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200 340 160 110 64 63	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 16 12 14 12 12 11 13 170 95 67 57	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 25 59 17 30 16 18 13 20 14 20 20 16	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.3 5.0 5.0 6.7 4.1 5.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43 130 17 12 12 22 49 18 78 10 22	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 4.6 3.5 2.4 2.3 2.1 2.2 2.4 4.3 3.5 2.6 2.4 3.7 1.9	890 21 22 16 15 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100 1000 200 160 780	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 22 19 14 9.8 12 11 23 30 45 50 44 20 25	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14 16 20 24 20 17 43 12 10 9.8 9.5	E 24 20 19 19 22 18 15 12 11 7.9 9.2 7.4 6.4 6.5 6.4 5.6 4.3 4.6 4.2 4.0 3.0 2.6 3.0 2.1 2.9 2.0	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7 1.2 1.1 1.2 0.9 0.7 78 36 19 21 17 17	AUGUS 200 540 120 81 78 78 93 57 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200 340 160 110 64 63 50 46	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 12 14 12 11 13 170 95 67 57	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 22 25 59 17 30 16 18 13 20 14 20 20 16 16 13	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.3 5.0 5.0 6.7 4.1 5.8 5.6 4.3
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	32 13 27 22 24 20 33 30 56 35 40 44 18 24 58 22 28 22 48 43 130 17 12 12 22 49 18 18 10	5.0 2.6 3.5 1.7 1.7 1.5 2.9 3.5 2.9 2.9 3.5 2.4 2.3 2.1 2.2 2.4 4.3 3.5 2.6 2.4 3.7 1.9 2.8 2.9	890 21 22 16 15 15 11 15 36 27 130 290 260 160 78 59 62 58 240 510 930 1100 200 160 780 780	2.7 2.4 3.1 2.2 2.8 3.5 2.9 1.9 2.4 2.4 3.3 3.3 11 22 21 19 14 9.8 12 11 23 30 45 50 44 20 25	JUN 90 65 70 98 110 78 40 33 27 22 18 37 33 20 28 14 16 20 24 20 17 43 12 10 9.8	E 24 20 19 19 22 18 15 12 11 7.9 9.2 7.4 6.4 6.5 6.4 5.6 4.3 4.6 4.2 4.0 3.0 2.6 3.0 2.1 2.9	### JUI 14	1.7 2.1 1.8 1.8 2.1 1.9 1.8 2.0 1.9 1.5 1.6 1.5 2.0 1.7 1.7 1.2 0.9 0.7	AUGUS 200 540 120 81 78 93 150 57 93 150 50 51 140 34 45 58 46 31 36 28 >4000 2900 200 340 160 110 64 63 50	100 86 62 49 44 30 28 24 25 24 19 20 13 16 16 16 12 14 12 11 13 170 95 67 57	SEPTE 36 46 37 58 310 51 38 30 24 26 34 21 30 26 22 22 55 59 17 30 16 18 13 20 14 20 20 16 16	MBER 20 18 18 18 15 18 12 14 13 11 9.0 9.6 9.4 9.4 9.0 8.1 7.2 6.9 7.1 6.0 6.4 4.8 5.5 5.3 5.0 5.0 6.7 4.1 5.8

> Actual value is known to be greater than the value shown.

10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

						JUZ 10 DEF		
Date	Time	Instantaneous discharge, cfs (00061)	Temper- ature, water, deg C (00010)	Sus- pended sedi- ment concen- tration mg/L (80154)	pended sedi- ment load,	falldia dst wat percent <.002mm	sedi- ment, falldia dst wat percent	Suspnd. sedi- ment, falldia dst wat percent <.008mm (70339)
OCT								
03	1335	7.3	8.5	1	. 02	2		
NOV								
05 DEC	1445	7.7	3.0	4	.08	3		
05 JAN	1225	7.3	2.0	3	.06	5		
07 FEB	1240	11	.0	7	.23	1		
11 MAR	1225	12	2.5	5	.10	5		
19	1430	14	6.5	7	.26	5		
APR 23	1215	19	8.0	6	.33	1		
MAY								
21 21	1905 2030	75 85	9.5 7.5	1370 1310	277 300			
28	1900	236	8.5	7780	4960	13	14	17
30	1255	94	10.0	215	55			
JUN	1233		10.0	213	33			
24 JUL	1420	23	12.5	10	. 62	2		
21	1415	13	20.5	198	6.9			
AUG								
28	1150	13	15.0	110	3.9			
Date	sedi- ment, falldia dst wat percent <.016mm	sedi- ment, falldia dst wat percent <.031mm	sedi- ment, sieve diametr percent <.063mm	Suspnd. sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm	sedi- ment, sieve diametr percent <.5 mm	sedi- ment, sieve diametr percent <1 mm	
	sedi- ment, falldia dst wat percent	sedi- ment, falldia dst wat percent <.031mm	sedi- ment, sieve diametr percent	sedi- ment, sieve diametr percent	sedi- ment, sieve diametr percent	sedi- ment, sieve diametr percent	sedi- ment, sieve diametr percent	
OCT 03	sedi- ment, falldia dst wat percent <.016mm	sedi- ment, falldia dst wat percent <.031mm	sedi- ment, sieve diametr percent <.063mm	sedi- ment, sieve diametr percent <.125mm	sedi- ment, sieve diametr percent <.25mm	sedi- ment, sieve diametr percent <.5 mm	sedi- ment, sieve diametr percent <1 mm	
OCT 03 NOV 05	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm	sedi- ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm	sedi- ment, sieve diametr percent <.25mm	sedi- ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi- ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm	sedi- ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi- ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm (70333)	sedi- ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi-ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi- ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi- ment, sieve diametr percent <.063mm (70331)	sedi- ment, sieve diametr percent <.125mm (70332)	sedi- ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi-ment, sieve diametr percent <.063mm (70331)	sedi-ment, sieve diametr percent <.125mm (70332)	sedi-ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sediment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi-ment, sieve diametr percent <.063mm (70331)	sedi-ment, sieve diametr percent <.125mm (70332)	sedi-ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi-ment, falldia dst wat percent <.031mm (70341)	sedi-ment, sieve diametr percent <.063mm (70331)	sedi-ment, sieve diametr percent <.125mm (70332)	sedi-ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21 21	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341)	sedi-ment, sieve diametr percent <.063mm (70331)	sedi-ment, sieve diametr percent <.125mm (70332)	sedi-ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335)	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21 21 21 30 JUN	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341) 39	sedi-ment, sieve diametr percent <.063mm (70331) 44 49	sedi-ment, sieve diametr percent <.125mm (70332) 56 65	sedi-ment, sieve diametr percent <.25mm (70333) 73 82	sedi-ment, sieve diametr percent <.5 mm (70334)	sediment, sieve diametr percent <1 mm (70335) 100 100	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21 21 28 30 JUN 24 JUL	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi-ment, falldia dst wat percent <.031mm (70341) 39	sedi-ment, sieve diametr percent <.063mm (70331) 44 49	sedi-ment, sieve diametr percent <.125mm (70332) 56 65	sedi-ment, sieve diametr percent <.25mm (70333)	sedi-ment, sieve diametr percent <.5 mm (70334)	sedi- ment, sieve diametr percent <1 mm (70335) 100 100	
OCT 03 NOV 05 DEC 05 JAN 07 FEB 11 MAR 19 APR 23 MAY 21 21 28 30 JUN 24	sedi- ment, falldia dst wat percent <.016mm (70340)	sedi- ment, falldia dst wat percent <.031mm (70341) 39	sedi-ment, sieve diametr percent <.063mm (70331) 44 49	sedi-ment, sieve diametr percent <.125mm (70332) 56 65	sedi-ment, sieve diametr percent <.25mm (70333) 73 82	sedi-ment, sieve diametr percent <.5 mm (70334)	sediment, sieve diametr percent <1 mm (70335) 100 100	

PYRAMID AND WINNEMUCCA LAKES BASIN 10345490 GRAY CREEK NEAR FLORISTON, CA--Continued

CROSS-SECTIONAL DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	sample loca- tion, feet (81903)	Depth at Sam- pling depth, feet (00003)	water, unfltrd field, NTU (61028)	Tur- bidity, unfltrd field, std units (00400)	pH, water, tance, wat unf uS/cm 25 degC (00095)	
DEC							
05*	1204	1.10	.80	.7	8.1	160	2.0
05*	1205	1.30	.80	1.3	8.1	160	2.0
05*	1206	1.40	.80	1.2	8.1	160	2.0
05*	1207	1.40	.80	1.7	8.1	160	2.0
05*	1208	1.50	.80	.9	8.1	160	2.0
05*	1209	1.50	.80	1.1	8.1	160	2.0
MAY							
21*	1850	1.10	.80	430	8.0	106	9.6
21*	1851	1.20	.80	400	8.0	106	9.6
21*	1852	1.40	.80	440	8.0	105	9.5
21*	1853	1.60	.80	440	8.0	105	9.5
21*	1854	1.30	.80	470	8.0	105	9.5
21*	1855	1.00	.80	440	8.0	106	9.5

^{*} Instantaneous discharge at time of cross-sectional measurement: 7.3 $\mathrm{ft^3/s}$, Dec.5; 75 $\mathrm{ft^3/s}$, May 21.

10346000 TRUCKEE RIVER AT FARAD, CA

LOCATION.—Lat $39^{\circ}25'41$ ", long $120^{\circ}01'59$ ", in SE $^{1}/_{4}$ NE $^{1}/_{4}$ sec. 12, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 0.5 mi upstream from Mystic Canyon, 0.7 mi downstream from Farad Powerplant, 2.5 mi north of Floriston, 3.5 mi upstream from California-Nevada State line and at mi 81.89 upstream from Marble Bluff Dam.

DRAINAGE AREA.--932 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March to October 1890 (monthly discharge only), September 1899 to current year. Monthly discharge only for January 1944 to July 1957, published in WSP 1734. Published as "near Boca," March to October 1890, "at or near Nevada-California State Line," September 1899 to August 1912, and as "at Iceland," August 1912 to December 1937.

CHEMICAL DATA: Water years 1951–61, 1964–81. Published as Truckee River at Floriston (station 10345900) January 1964 to

September 1971.

BIOLOGICAL DATA: Water years 1975-77.

SPECIFIC CONDUCTANCE: Water years 1964-80, 1993-98. WATER TEMPERATURE: Water years 1964-81, 1993-98. SUSPENDED SEDIMENT: Water years 1974, 1978.

REVISED RECORDS.--WSP 1714: Drainage area. WDR CA-88-3: 1906-07 (monthly runoff).

GAGE.--Water-stage recorder. Datum of gage is 5,153.21 ft above NGVD of 1929 (U.S. Bureau of Reclamation benchmark). See WSP 2127 for history of changes prior to August 26, 1957.

REMARKS.--Records fair. Flow regulated by Lake Tahoe and Donner, Martis Creek, and Independence Lakes, and Prosser Creek, Stampede, and Boca Reservoirs (stations 10337000, 10338400, 10339380, 10342900, 10340300, 10344300, and 10344490, respectively), and by several powerplants. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 17,500 ft³/s, November 21, 1950, gage height, 14.5 ft, present datum, from floodmarks, from slope-area measurement of peak flow; minimum, 37 ft³/s, September 15, 1933.

		D:	ISCHARGE,	CUBIC FEET		ND, WATER AILY MEAN	YEAR OCTOBER	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	476	359	149	306	541	304	938	773	1180	655	522	500
2	468	341	144	316	538	296	868	859	1110	643	529	495
3	466	342	136	322	481	296	809	882	1050	654	518	495
4	463	340	127	299	424	300	846	899	1020	645	501	509
5	457	348	105	295	389	301		805	990	645	498	515
6	458	363	83	303	352	309	843	759	931	652	502	505
7	464	393	81		331	309		675	931	647	502	489
8	463	520	77		314	305		679	945	641	504	490
9	463	516	77		304	306		660	911	645	516	524
10	465	333	79	305	293	304	828	661	883	661	515	545
11	465	351	77	303	285	308	855	670	829	659	502	550
12	464	358	75	293	288	315	891	680	768	652	506	566
13	460	395	79	295	313	335	913	741	725	644	507	563
14	461	432	456	298	328	413	870	901	698	616	512	550
15	460	434	331	289	320	546	841	1000	659	609	507	545
16	457	405	251	285	335	522	795	963	646	607	501	541
						468		896	674			
17	460	375	253	285	315					644	506	547
18	463	372	274	284	301	433		902	671	661	510	547
19	461	357	241	286	299	384		910	628	659	503	542
20	458	351	261	288	291	364	629	949	585	662	500	545
21	455	352	363	293	291	361	625	1040	556	661	531	550
22	459	349	384	309	293	426	608	1130	529	654	544	544
23	461	344	407	450	298	607	507	1280	528	664	507	541
24	457	334	396	602	299	665	524	1330	514	659	509	539
25	455	326	394	490	298	690	551	1310	494	648	504	539
26	452	332	358	483	291	933	574	1180	504	643	503	540
27	453	295	287	502	293	941		1160	538	643	502	540
28	454	245	381	660	287	815		1300	553	621	499	542
29	451	185	328	580	207	790		1330	592	530	506	538
30			296	532		809		1400	654			
	442	150								511	511	533
31	429		283	515		865		1260		519	503	
TOTAL	14220	10597	7233	11352	9392	15020	22262	29984	22313	19654	15780	15969
MEAN	459	353	233	366	335	485	742	967	744	634	509	532
MAX	476	520	456	660	541	941		1400	1180	664	544	566
MIN	429	150	75	284	285	296		660	494	511	498	489
AC-FT	28210	21020	14350	22520	18630	29790		59470	44260	38980	31300	31670
	_0210	21020	11330	22320	10000	23.30	11100	221.0	11200	30300	32300	320.0

PYRAMID AND WINNEMUCCA LAKES BASIN 10346000 TRUCKEE RIVER AT FARAD, CA--Continued

SUTTELLE	OF	MONTHI.V	MEDM	עהעת	FOR	WATER	VEVEC	1909	- 2003	RV	MATER	VEVE	(WV)	

STATIST	CICS OF	MONTHLY	MEAN DATA	FOR WATER	YEARS 1909	- 2003,	BY WATE	R YEAR (WY)				
	OCT	NON	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	387	420	531	596	658	800	1268	1714	1261	659	513	470
MAX	982	2469	3596	6115	3254	4073	3887	5674	5214	2921	1084	1482
(WY)	1972	1984	1984	1997	1997	1986	1952	1952	1983	1983	1975	1983
MIN	51.0	55.6	80.4	77.7	85.3	142	369	349	142	53.9	53.9	47.3
(WY)	1978	1991	. 1991	. 1991	1933	1933	1977	1934	1931	1931	1931	1933
SUMMARY	STATI:	STICS	FC	OR 2002 CAI	ENDAR YEAR	F	OR 2003	WATER YEAR		WATER YEARS	1909 -	2003
ANNUAL	TOTAL			198418			193776					
ANNUAL	MEAN			544			531			766		
HIGHEST	ANNUA	L MEAN								2443		1983
LOWEST	${\tt ANNUAL}$	MEAN								184		1931
HIGHEST	DAILY	MEAN		1640	Jun 1		1400	May 30		13400	Dec 23	1955
LOWEST	DAILY I	MEAN		75	Dec 12		75	Dec 12		3 7	Sep 15	1933
ANNUAL	SEVEN-1	DAY MININ	IUM	78	Dec 7		78	Dec 7		4 0	Sep 9	1933
MAXIMUM	1 PEAK	FLOW					1600	May 30		17500	Nov 21	1950
MAXIMUM	PEAK :	STAGE					5.	22 May 30		14.50	Nov 21	1950
ANNUAL	${\tt RUNOFF}$	(AC-FT)		393600			384400			555100		
10 PERC	CENT EX	CEEDS		1070			869			1670		
50 PERC	CENT EX	CEEDS		455			504			505		
90 PERC	CENT EX	CEEDS		285			291			207		

PYRAMID AND WINNEMUCCA LAKES BASIN 10346000 TRUCKEE RIVER AT FARAD, CA--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.— April 1999 to current year.

INSTRUMENTATION.—Recording-weighing gage.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily precipitation, 2.03 in., December 16, 2002; no precipitation for many days in each year.

EXTREMES FOR CURRENT YEAR.—Maximum daily precipitation, 2.03 in., December 16; no precipitation for many days.

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				, , ,	DAI	LY SUM VAL	UES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.24	0.07	0.06	0.00	0.00	0.00	0.04	0.00
2	0.04	0.00	0.00	0.00	0.03	0.00	0.20	0.10	0.00	0.00	0.22	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.20	0.00	0.00	0.00	0.12
5	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.03
6	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.00
7	0.00	1.45	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	1.13	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00	0.00	0.04
9	0.00	0.41	0.00	0.08	0.00	0.00	0.04	0.25	0.00	0.00	0.00	0.00
10	0.00	0.53	0.00	0.17	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.07	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.41	0.00	0.08	0.00	0.96	0.00	0.00	0.04	0.00	0.00
14	0.00	0.00	0.74	0.03	0.03	0.26	0.03	0.00	0.00	0.00	0.00	0.00
15	0.00	0.03	0.72	0.00	0.07	0.77	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	2.03	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.01	0.00	0.61	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.26	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.03	0.00
20	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.17	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.63	0.00
22	0.00	0.00	0.00	0.15	0.00	0.05	0.03	0.00	0.00	0.00	0.15	0.00
23	0.00	0.00	0.00	0.31	0.00	0.13	0.03	0.00	0.03	0.33	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.03	0.04	0.00	0.00	0.11	0.00	0.00	0.07	0.00	0.00
26	0.00	0.00	0.03	0.00	0.03	0.13	0.10	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.03	0.05
28	0.00	0.00	0.23	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
29	0.03	0.00	0.57	0.00		0.00	0.00	0.00	0.03	0.00	0.00	0.00
30	0.00	0.00	0.31	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.58	0.00		0.00		0.00		0.00	0.00	
TOTAL	0.08	3.55	6.69	0.93	1.16	1.77	3.01	1.00	0.06	0.44	1.14	0.24

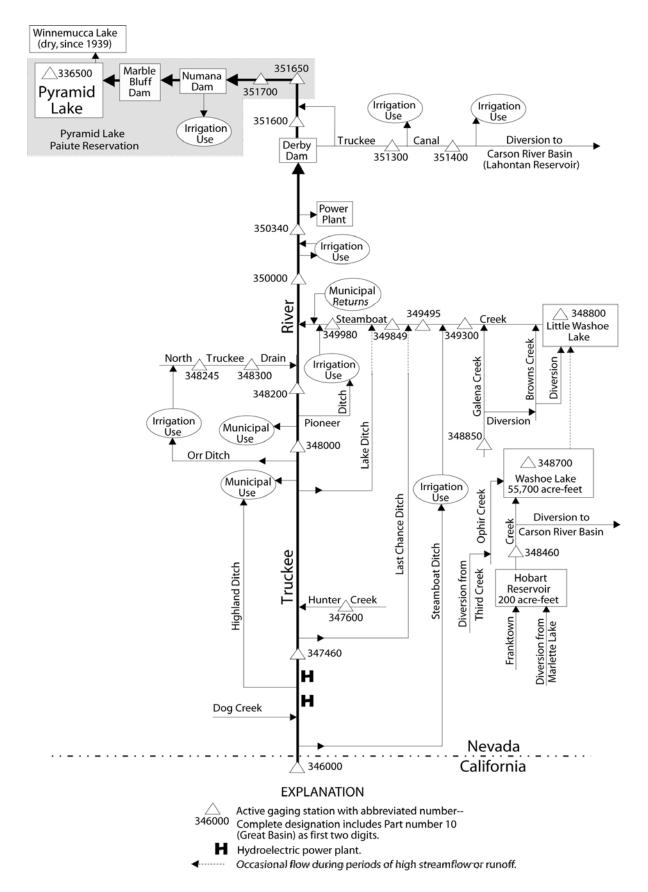


Figure 27. Schematic diagram of flow system and gaging stations in the Pyramid and Winnemucca Lakes River basin downstream of station 346000.

PYRAMID AND WINNEMUCCA LAKES BASIN 10347460 TRUCKEE RIVER NEAR MOGUL, NV

 $LOCATION.--Lat\ 39^{\circ}30'26", long\ 119^{\circ}55'51", in\ SW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec. 14\ T.19\ N., R.18\ E., Washoe\ County,\ Hydrologic\ Unit\ 16050102, on\ left\ bank,\ at\ bridge\ crossing, 0.5\ mi\ southwest\ of\ Mogul,\ and\ at\ mi\ 68.74,\ upstream\ from\ Marble\ Bluff\ Dam.$

DRAINAGE AREA.--1,035 mi².

PERIOD OF RECORD .-- February 1993 to September 1995, October 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,690 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 103403000, Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several power plants. Many diversions above station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

 $EXTREMES FOR PERIOD OF RECORD. --Maximum discharge, 17,500 \, ft^{3} \hspace{0.5cm} s, January \, 2, 1997, gage \, height, 15.85 \, ft; minimum \, daily, 2.4 \, ft^{3} \hspace{0.5cm} s, October \, 30, \, 1994.$

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,540 ft³/s, May 30, gage height, 7.41 ft; minimum daily, 131 ft³/s, December 12.

		DISCHAR	RGE, CUBI	C FEET PE		WATER Y MEAN V	EAR OCTOBER	R 2002 TO	SEPTEME	BER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	344	323	209	346	603	287	898	731	1130	555	379	372
2	325	291	204	367	615	285	836	831	1060	541	384	367
3	336	292	194	377	552	286	775	838	1000	551	377	363
4	336	295	190	361	477	286	807	864	948	541	352	378
5	334	297	151	357	441	290	799	786	940	536	351	386
6	337	310	139	358	404	291	805	737	871	545	359	380
7	345	339	138	348	381	293	772	644	871	545	355	366
8	352	494	134	340	365	285	752	638	878	534	361	353
9	369	553	133	353	357	286	774	592	843	512	365	383
10	407	314	133	360	345	280	786	551	811	546	372	405
11	407	340	133	358	334	285	808	565	767	526	359	414
12	411	338	131	349	331	291	841	587	697	548	355	430
13	412	371	136	348	350	305	887	638	644	513	364	425
14	412	412	425	352	370	375	839	774	607	421	372	416
15	413	443	413	345	363	521	818	905	564	466	366	406
16	413	450	390	339	380	542	776	881	545	448	361	399
17	410	407	301	336	367	461	739	809	566	486	360	405
18	416	405	343	336	348	422	706	821	572	544	374	412
19	418	397	309	337	344	378	620	824	539	526	367	402
20	414	380	300	340	339	342	612	855	489	560	362	401
21	412	388	400	344	333	340	606	943	456	570	390	408
22	412	384	411	355	333	379	595	1030	426	560	426	404
23	420	379	442	488	345	544	496	1170	416	585	374	403
24	412	372	433	692	318	638	485	1220	425	578	383	402
25	405	364	427	571	295	668	518	1230	389	578	376	406
26	400	360	409	553	280	847	546	1120	390	552	378	446
27	396	349	345	560	281	954	546	1080	419	575	377	445
28	396	295	443	736	278	809	547	1200	446	548	361	453
29	399	256	395	665		764	652	1250	464	427	373	446
30	390	205	362	604		785	723	1340	562	366	380	447
31	380		358	584		824		1220		363	374	
TOTAL	12033	10803	8931	13159	10529	14343	21364	27674	19735	16146	11487	12123
MEAN	388	360	288	424	376	463	712	893	658	521	371	404
MAX	420	553	443	736	615	954	898	1340	1130	585	426	453
MIN	325	205	131	336	278	280	485	551	389	363	351	353
AC-FT	23870	21430	17710	26100	20880	28450	42380	54890	39140	32030	22780	24050
STATIS	TICS OF M	ONTHLY MEA	AN DATA F	OR WATER	YEARS 1993	3 - 2003	, BY WATER	YEAR (WY)				
MEAN	330	319	572	1087	906	1043	1142	1590	1246	667	440	394
MAX	565	487	2124	6233	3291	2313	1961	2939	2934	1537	763	602
(WY)	1999	1997	1997	1997	1997	1997	1998	1999	1998	1995	1995	1998
MIN	14.9	39.2	109	121	142	285	487	460	481	63.8	18.0	13.5
(WY)	1995	1994	1995	1994	1994	1994	2001	2001	2001	1994	1994	1994
SUMMAR	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 W	ATER YEAR		WATER YEARS	3 1993 -	2003
ANNUAL	TOTAL			180546			178327					
ANNUAL	MEAN			495			489			817		
HIGHES'	T ANNUAL	MEAN								1707		1997
LOWEST	ANNUAL M	EAN								297		1994
	T DAILY M				Apr 15			May 30		15200	Jan 2	
	DAILY ME			131	Dec 12		131	Dec 12		2.4		
ANNUAL	SEVEN-DA	Y MINIMUM		134	Dec 7		134	Dec 7			Oct 29	
	M PEAK FL							May 30		17500	Jan 2	
	M PEAK ST							1 May 30			Jan 2	1997
	RUNOFF (358100			353700			592100		
	CENT EXCE			979			819			1960		
	CENT EXCE			390			408			487		
90 PER	CENT EXCE	EDS		289			299			136		

10347460 TRUCKEE RIVER NEAR MOGUL, NV--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.— October, 1998 to March, 2003, June to September, 2003.

INSTRUMENTATION.—Recording-weighing gage since October 15, 1998.

 $EXTREMES\ FOR\ PERIOD\ OF\ RECORD. \\--Maximum\ daily\ precipitation, 1.69\ in., January\ 24,\ 2000;\ no\ precipitation\ most\ days.$

EXTREMES FOR CURRENT YEAR.—Maximum daily precipitation, 1.38 in., November 8; no precipitation most days.

		PI	RECIPITATION,	TOTAL,		WATER YEAR ILY SUM VAL		2002 TO SEP	TEMBER 200	3		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.08	0.00				0.00	0.07	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.18	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00
4	0.04	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.01
5	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00
7	0.00	0.99	0.00	0.00	0.00	0.00				0.00	0.00	0.00
8	0.00	1.38	0.00	0.00	0.00	0.00				0.00	0.00	0.00
9	0.00	0.33	0.00	0.21	0.00	0.00				0.00	0.00	0.00
10	0.00	0.13	0.00	0.04	0.00	0.00				0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.03				0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.02	0.00				0.00	0.00	0.00
13	0.00	0.00	0.19	0.00	0.15	0.00				0.00	0.00	0.00
14	0.00	0.00	0.85	0.00	0.00	0.34				0.00	0.00	0.00
15	0.00	0.00	0.23	0.00	0.00	0.51				0.00	0.00	0.00
16	0.00	0.00	1.28	0.00	0.32	0.00				0.00	0.00	0.00
17	0.00	0.00	0.02	0.00	0.00	0.00				0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00
19	0.00	0.00	0.07	0.00	0.00	0.01				0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.02	0.00
21	0.00	0.00	0.01	0.00	0.00	0.00				0.00	0.32	0.00
22	0.00	0.02	0.00	0.05	0.00	0.01				0.00	0.02	0.00
23	0.00	0.00	0.00	0.17	0.00	0.01				0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.01					0.00	0.02	0.00
27	0.00	0.00	0.00	0.03	0.02				0.00	0.02	0.00	0.00
28	0.00	0.00	0.11	0.00	0.00				0.00	0.00	0.00	0.00
29	0.00	0.00	0.05	0.00					0.00	0.00	0.00	0.00
3 0	0.00	0.00	0.08	0.00					0.00	0.00	0.00	0.00
31	0.00		0.33	0.00						0.09	0.00	
TOTAL	0.05	2.85	3.22	0.50	0.60					0.11	0.63	0.02

10347600 HUNTER CREEK NEAR RENO, NV

LOCATION.--Lat 39°29'46", long 119°53'40", in SW $^{1}/_{4}$ SW $^{1}/_{4}$ sec. 14, T.19 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on left bank, 0.6 mi upstream from mouth , and 5 mi southwest of Reno.

DRAINAGE AREA.--11.6 mi² approximately.

PERIOD OF RECORD.--October 1961 to September 1971, October 1977 to September 1981, October 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,000 ft above NGVD of 1929, from topographic map. Prior to October 2002, at site 300 ft upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 986 ft^3 s, Januart 31, 1963, gage height, 6.93 ft, from floodmarks, from rating curve extended above 54 ft3/s, on basis of slope area measurement of peak flow; minimum daily, 2.0 ft³/s, August 28, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 38 ft³/s, May 30, gage height, 8.74 ft; minimum daily, 3.0 ft³/s, several days in January. Higher flow of 160 ft3/s, occured on May 10, 2003, as a result of release of water thru gates on Steamboat Ditch into Hunter Creek.

	, ,	DIS	CHARGE, CU	BIC FEET F		WATER YE.	AR OCTOBER LUES	2002 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e3.9	3.5	4.1	4.4	3.6	3.3	4.0	3.8	27	4.4	5.7	5.0
2	e3.9	4.7	4.1	3.7	3.4	3.3	3.9	4.0	25	4.4	7.0	5.0
3	3.8	4.2	4.1	3.5	3.2	3.3	3.7	4.2	23	4.3	5.9	5.0
4	3.9	4.7	4.1	3.4	3.3	3.3	3.8	4.2	21	4.3	4.9	4.9
5	3.8	4.2	3.9	3.3	e3.4	3.3	3.7	4.2	20	4.0	4.8	4.7
6	3.7	4.2	3.7	3.1	e3.4	3.3	3.7	4.3	18	4.1	4.6	4.5
7	3.7	4.5	3.7	3.0	e3.5	3.2	3.7	4.3	18	4.5	4.4	4.5
8	3.7	5.4	3.7	3.0	e3.6	3.3	3.8	e4.3	16	4.3	4.4	4.5
9	3.6	e4.4	3.7	3.1	e3.7	3.3	3.9	e4.2	14	4.3	5.5	4.3
10	3.7	e4.4	3.8	3.1	3.8	3.3	4.0	e4.0	12	4.3	5.2	4.3
11	3.8	4.4	3.7	3.1	3.5	3.4	4.1	e4.4	11	4.2	4.9	4.5
12	3.8	4.1	3.6	3.1	3.5	3.5	4.2	e5.3	10	4.1	4.8	4.7
13	3.8	4.0	3.8	3.1	3.7	3.5	4.1	e7.0	9.2	4.7	4.8	4.9
14	3.7	3.9	3.8	3.0	3.9	3.7	3.9	7.7	8.5	4.8	5.0	e4.7
15	3.6	3.8	3.7	3.0	3.8	3.8	3.8	9.1	7.8	4.7	5.0	4.7
16	3.7	3.7	3.9	3.0	3.9	3.6	3.8	8.8	7.2	4.8	4.8	4.6
17	3.8	3.5	3.3	3.0	3.8	3.5	3.8	8.5	6.5	4.8	4.8	5.3
18	3.8	3.5	4.2	3.0	3.8	3.4	3.8	8.9	5.9	4.6	5.0	5.5
19	3.8	3.6	e4.0	3.0	3.8	3.4	3.8	8.9	5.4	4.7	5.0	5.5
20	3.8	3.9	3.8	3.0	3.8	3.5	3.8	9.7	5.3	4.7	4.8	5.2
21	3.8	4.1	3.8	3.1	3.7	3.4	3.8	13	4.9	4.2	5.7	5.1
22	3.8	4.1	3.7	3.1	3.7	3.5	3.8	16	4.7	4.4	5.8	5.2
23	3.9	4.2	4.4	3.6	3.7	3.7	3.8	17	5.4	4.6	5.5	5.2
24	4.0	4.1	e4.1	3.7	3.8	3.7	3.9	20	6.0	4.5	5.4	5.1
25	4.0	4.0	e3.7	3.6	3.7	3.6	3.8	22	5.1	4.9	5.1	5.2
26	4.1	4.0	3.7	3.5	3.6	4.0	3.9	22	4.7	5.1	5.2	5.1
27	4.2	3.9	3.8	3.6	3.4	3.9	3.8	23	4.6	5.3	5.0	5.1
28	4.2	3.9	3.8	3.6	3.3	3.8	3.8	25	4.5	5.1	4.9	5.1
29	4.0	3.9	3.7	3.4		3.7	3.8	28	4.4	4.8	5.1	5.0
30	4.0	4.1	3.6	3.4		3.9	3.8	3 0	4.4	4.8	5.2	5.4
31	4.0		3.6	3.4		4.0		28		4.9	5.1	
TOTAL	119.3	122.9	118.6	101.9	101.3	109.4	115.5	363.8	319.5	141.6	159.3	147.8
MEAN	3.85	4.10	3.83	3.29	3.62	3.53	3.85	11.7	10.7	4.57	5.14	4.93
MAX	4.2	5.4	4.4	4.4	3.9	4.0	4.2	3 0	27	5.3	7.0	5.5
MIN	3.6	3.5	3.3	3.0	3.2	3.2	3.7	3.8	4.4	4.0	4.4	4.3
AC-FT	237	244	235	202	201	217	229	722	634	281	316	293
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 196	2 - 2003,	BY WATER	YEAR (WY	`)			
MEAN	5.46	5.49	5.56	6.55	6.26	5.99	8.70	20.7	24.1	12.9	7.10	5.79
MAX	7.40	7.57	12.1	12.7	14.1	8.68	15.6	43.6	46.7	27.9	11.2	7.96
(WY)	1968	1964	1965	1963	1963	1967	1965	1969	1967	1967	1965	1965
MIN	3.56	3.69	3.07	3.29	3.62	3.53	3.85	8.15	5.90	3.85	2.75	2.41
(WY)	1978	1978	1962	2003	2003	2003	2003	1981	1981	1981	1981	1981
SUMMAR	Y STATIST	'ICS			FOR 2	003 WATER	YEAR			WATER YEA	RS 1962 -	2003
ANNUAL	TOTAT				1.0	20.9						
ANNUAL					13	5.26				9.5	6	
	T ANNUAL	MEAN								14.5		1969
	ANNUAL M									5.2		1981
	T DAILY M					30 M	lay 30			230	Jan 31	1963
	DAILY ME						an 7			2.0		
ANNUAL	SEVEN-DA	Y MINIMUM	I			3.0 J	an 14			2.0	Aug 28	1981
MAXIMUN	M PEAK FL	WO					lay 30					
	M PEAK ST						lay 30					
	RUNOFF (38	10				6930		
	CENT EXCE					6.7				20		
	CENT EXCE					4.0				6.3		
90 PER	CENT EXCE	EDS				3.4				4.0)	

e Estimated

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV

 $LOCATION--Lat~39^{\circ}30'38", long~119^{\circ}51'59", in~NW~^{1}/_{4}~SE~^{1}/_{4}~sec.17, T.19~N., R.19~E., Washoe~County, Hydrologic~Unit~16050102, at~Chalk~Bluff~Treatment~Plant~Intake, about~0.4~mi~upstream~from~McCarren~Bridge, and about~4.3~mi~upstream~of~U.S.~Highway~395.$

DRAINAGE AREA.--Not Determined.

PERIOD OF RECORD.--December 2002 to September 2003.

REMARKS.--In December 2002, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Sample type	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Organic carbon, water, fltrd, mg/L (00681)
DEC													
	1000	ENVIRONMENTAL	E226	635	12.3	103	7.3	158	4.0	.6	44	54	
JAN	0930	ENVIRONMENTAL	E259	653	12.7	107	7.8	155	4.0	1.8	53	64	2.5
FEB	. 0930	ENVIRONMENTAL	E259	653	12.7	107	7.8	155	4.0	1.8	53	64	2.5
	1000	ENVIRONMENTAL	E266	648	12.2	107	7.8	139	10.5	3.0	48	59	1.3
MAR													
18 APR	1000	ENVIRONMENTAL	E389	647	10.7	99	8.0	134	7.0	4.9	46	56	2.0
	1000	ENVIRONMENTAL	E780	642	11.1	103	7.5	103	13.0	4.7	36	44	1.7
MAY													
	0945	ENVIRONMENTAL	E632	645	9.3	101	7.2	107	23.5	11.6	40	49	1.9
	0945	FIELD BLANK											<.3
	1040	ENVIRONMENTAL	1180	645	9.3	102	7.1	69	26.0	12.0	23	28	1.8
JUN	0000	DMILT DOMADNIMA I	ECO.	644	0 0	100		0.0	00 5	12.0	0.5	2.2	1 5
	0900	ENVIRONMENTAL	E628	644	9.0	102	7.3	82	23.5	13.2	27	33	1.5
	1000	REPLICATE		644	8.9	102	7.6	81	23.5	13.7	28	35	1.5
26	1000	ENVIRONMENTAL	E288	651	9.2	107	7.9	112	26.0	14.8	33	40	1.4
	0900	FIELD BLANK											
	0900	ENVIRONMENTAL	E416	649	8.5	102	7.7	108	28.0	16.1	40	49	1.5
AUG	0945	ENVIRONMENTAL	E416	649	8.5	102	7.7	108	28.0	16.1	40	49	1.5
	0915	FIELD BLANK											
	0945	ENVIRONMENTAL	E265	647	8.3	102	7.4	128	22.5	17.0	46	56	1.1
	0946	REPLICATE											
08	1100	REPLICATE		647	8.5	106	8.0	127	28.0	17.7	47	57	1.1
19	0915	ENVIRONMENTAL	E282	647	8.2	103	7.6	127	28.5	18.2	45	55	1.3
SEP													
04	0920	SOURCE SOLUTION BLAN	1K										
04	0935	FIELD BLANK											
04	1010	ENVIRONMENTAL	E312	650	8.6	104	7.6	120	24.5	16.6	44	53	1.2
17	0930	ENVIRONMENTAL	E302	648	9.4	104	7.2	117		12.4	42	51	1.3
17	0934	SPIKE											
17	0935	SPIKE											

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	modif.	chloro- benzene water, fltrd, ug/L	naphth- alene, water,	thol, water, fltrd		2,4-D water, fltrd, ug/L	2,4-D water, fltrd, ug/L (39732)	water, fltrd		methyl- naphth- alene, water,	2-[(2- Et-6-Me -Ph)- -amino] propan- 1-ol, ug/L (61615)	-2',6'- diethyl acet-	CIAT,
DEC		_	_						0.05	-		0.05	
17 JAN	E17	<.5	<.5	<.09	80.8	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
16 FEB	E1	<.5	<.5	<.09	90.7	<.009	<.02	<.02	<.006	<.5	<.1	<.005	E.003
18 MAR	<1	<.5	<.5	< .09	77.4	<.009	<.02	<.02	<.006	<.5	<.1	<.005	E.001
18 APR	E3	<.5	<.5	<.09	68.1	<.009	<.02	<.02	<.006	<.5	<.1	<.005	E.001
14 MAY	<1	<.5	<.5	<.09	69.0	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
14	E3	<.5	<.5	< .09	91.2	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
30 30	 E5	<.5 <.5	<.5 <.5	<.09 <.09	83.3 76.6	<.009 <.009	<.02 <.02	<.02 <.02	<.006 <.006	<.5 <.5	<.1 <.1	<.005 <.005	<.006 <.006
JUN													
11 11	20 <i>E8</i>	<.5	< . 5	<.09	76.4 78.9	<.009 <.009	<.02 <.02	<.02 <.02	<.006	<.5	<.1	<.005	<.006 <.03
26	E3	<.5	<.5	<.09	84.4	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
JUL 10		<.5	<.5							<.5			
10	E5	<.5	<.5	< .09	96.5	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
AUG 08	<1												
08	E4	<.5	<.5	<.09	91.6	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
08	E3												
08 19	<1	<.5 <.5	<.5 <.5	<.09 <.09	<i>97.2</i> 87.4	<.009 <.009	<.02 <.02	<.02 <.02	<.006 <.006	<.5 <.5	<.1 <.1	<.005	<.006 <.006
SEP		<.5	<.5	<.03	07.4	<.009	<.02	<.02	<.000	<.5	<.1	<.005	<.006
04					108	<.009	<.02	<.02					<.03
04	E10	 <.5	 <.5	 <.09	<i>99.2</i> 95.0	<.009 <.009	<.02 <.02	<.02 <.02	<.006	<.5	<.1	<.005	<.03 <.006
17	E7	<.5	<.5	<.09	86.2	<.009	<.02	<.02	<.006	<.5	<.1	<.005	<.006
17													
17													
Date	CEAT, water, fltrd, ug/L (04038)	2-Ethyl -6- methyl- aniline water, fltrd, ug/L (61620)		naphth- alene,	chloro- aniline water fltrd, ug/L		furan,	carbo-	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	4-hy- droxy-	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Cumyl-	4- Octyl- phenol, water, fltrd, ug/L (62061)
	water, fltrd, ug/L	-6- methyl- aniline water, fltrd, ug/L	OIET, water, fltrd, ug/L	Methyl- naphth- alene, water, fltrd, ug/L	chloro- aniline water fltrd, ug/L	Copros- tanol, water, fltrd, ug/L	Hydroxy carbo- furan, wat flt 0.7u GF ug/L	carbo- furan, water, fltrd, ug/L	Methyl- 1H- indole, water, fltrd, ug/L	Butyl- 4-hy- droxy- anisole wat flt ug/L	2methyl phenol, water, fltrd, ug/L	Cumyl- phenol, water, fltrd, ug/L	Octyl- phenol, water, fltrd, ug/L
DEC 17	water, fltrd, ug/L	-6- methyl- aniline water, fltrd, ug/L	OIET, water, fltrd, ug/L	Methyl- naphth- alene, water, fltrd, ug/L	chloro- aniline water fltrd, ug/L	Copros- tanol, water, fltrd, ug/L	Hydroxy carbo- furan, wat flt 0.7u GF ug/L	carbo- furan, water, fltrd, ug/L	Methyl- 1H- indole, water, fltrd, ug/L	Butyl- 4-hy- droxy- anisole wat flt ug/L	2methyl phenol, water, fltrd, ug/L	Cumyl- phenol, water, fltrd, ug/L	Octyl- phenol, water, fltrd, ug/L
DEC 17 JAN 16	water, fltrd, ug/L (04038)	-6- methyl- aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	Methyl- naphth- alene, water, fltrd, ug/L (62056)	chloro- aniline water fltrd, ug/L (61625)	Coprostanol, water, fltrd, ug/L (62057)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058)	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	2methyl phenol, water, fltrd, ug/L (61633)	Cumyl- phenol, water, fltrd, ug/L (62060)	Octyl- phenol, water, fltrd, ug/L (62061)
DEC 17 JAN 16 FEB 18	water, fltrd, ug/L (04038)	-6- methyl- aniline water, fltrd, ug/L (61620) <.004	OIET, water, fltrd, ug/L (50355)	Methyl- naphth- alene, water, fltrd, ug/L (62056)	chloro- aniline water fltrd, ug/L (61625) <.004	Coprostanol, water, fltrd, ug/L (62057)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058)	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	2methyl phenol, water, fltrd, ug/L (61633)	Cumyl- phenol, water, fltrd, ug/L (62060)	Octyl- phenol, water, fltrd, ug/L (62061)
DEC 17 JAN 16 FEB 18 MAR 18	water, fltrd, ug/L (04038) <.04 <.04	-6- methyl- aniline water, fltrd, ug/L (61620) <.004	OIET, water, fltrd, ug/L (50355) <.008	Methyl- naphth- alene, water, fltrd, ug/L (62056)	chloro- aniline water fltrd, ug/L (61625) <.004	Coprostanol, water, fltrd, ug/L (62057)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058)	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	2methyl phenol, water, fltrd, ug/L (61633) <.006	Cumyl- phenol, water, fltrd, ug/L (62060)	Octyl- phenol, water, fltrd, ug/L (62061)
DEC 17 JAN 16 FEB 18 MAR 18	water, fltrd, ug/L (04038) <.04 <.04	methyl-aniline water, fltrd, ug/L (61620) <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008	Methyl- naphth- alene, water, fltrd, ug/L (62056) <.5 <.5	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058)	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060)	Octyl-phenol, water, fltrd, ug/L (62061)
DEC 17 JAN 16 FEB 18 MAR 18	water, fltrd, ug/L (04038) <.04 <.04 <.04	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008	Methyl-naphth- alene, water, fltrd, ug/L (62056) <.5 <.5 <.5	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057)	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1	Octyl-phenol, water, fltrd, ug/L (62061)
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth- alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	water, fltrd, ug/L (04038) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060)	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295)	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth- alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL	water, fltrd, ug/L (04038) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth- alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 AUG	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.0004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl-4-hy-droxy-anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 < <5 < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < <> < <> < <> < <> < <> < <> < <> < < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < <> < < <	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.0004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308)	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl-4-hy-droxy-anisole wat fit ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- 1H- 1H- 1H- 1H- 1H- 1H- 1H- 1H- 1H	Butyl-4-hy-droxy-anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl-4-hy-droxy-anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	2methyl phenol, water, filtrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro-aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 -	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, filtrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1
DEC 17 JAN 16 FEB 18 APR 14 APR 14 30 JUN 11 26 JUL 10 11 26 JUL 26 JUL 10 SEP 04 04 04 04 04 04 04	water, fltrd, ug/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl-4-hy-droxy-anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 19 SEP 04 04	water, fltrd, wg/L (04038) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	-6- methyl- aniline water, fltrd, ug/L (61620) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	OIET, water, fltrd, ug/L (50355) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Methyl-naphth-alene, water, fltrd, ug/L (62056) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Butyl-4-hy-droxy-anisole wat filt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Octyl-phenol, water, fltrd, ug/L (62061) <1

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	4- Nonyl- phenol, water, fltrd, ug/L	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)		9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- chlor, water, fltrd, ug/L (49260)		AHTN, water, fltrd, ug/L (62065)	Aci- fluor- fen, water, fltrd 0.7u GF ug/L (49315)	Ala- chlor, water, fltrd, ug/L (46342)	Aldi- carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi- carb sulf- oxide, wat flt 0.7u GF ug/L (49314)	Aldi- carb, water, fltrd 0.7u GF ug/L (49312)	alpha- HCH-d6, surrog, Sch2003 wat flt percent recovry (99995)
DEC	(02003)	(02002)	(02003)	(02000)	(15200)	(02001)	(02003)	(13313)	(10312)	(13313)	(13311)	(19312)	(33333)
17 JAN	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	<.04	80.5
16 FEB	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	<.04	102
18 MAR	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	< .004	<.02	<.008	<.04	101
18 APR	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	<.04	88.5
14 MAY	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	< .04	93.0
14 30	<5 <4	<1 <1	<2 <2	<.5 <.5	<.006 <.006	<.5 <.5	M <.5	<.007	<.004 <.004	<.02 <.02	<.008	<.04 <.04	91.7
30 JUN	<3	<1	<2	<.5	<.006	<.5	<.5	<.007	< .004	<.02	<.008	< . 04	
11	<5	<1	<2	<.5	<.006	<.5	E.1	<.007	<.004	< .02	<.008	<.04	93.7
26	<5	<1	<2	<.5	<.006	<.5	<.5	<.007 <.007	< .004	<.02 <.02	<.008 <.008	<.04	103
JUL 10	<5	М	<2	<.5		<.5	<.5						
10 AUG	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	<.04	82.0
08 08	 <5	<1	<2	<.5	<.006	<.5	<.5	<.007	<.004	<.02	<.008	<.04	87.6
08 08	 <5	 <1	<2	 <.5	<.006	 <.5	 <.5	<.007	<.004	<.02	<.008	 <.04	 89.9
19 SEP	<5	<1	<2	<.5	<.006	<.5	<.5	<.007	< .004	<.02	<.008	< .04	87.0
04								<.007		<.02	<.008	<.04	
04	<5	<1	<2	<.5	<.006	<.5	M	<.007	<.004	<.02 <.02	<.008	<.04 <.04	87.8
17 17	<5	<1	<2	<.5	<.006	<.5	< .5	<.007	<.004	<.02	<.008	< .04	86.1
17													
Date	Anthra- cene, water, fltrd, ug/L (34221)	Atra- zine, water, fltrd, ug/L (39632)	oxon, water,	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	2060/ 9060,	Bendio- carb, water, fltrd, ug/L		Benomyl water, fltrd, ug/L (50300)	Bensul- furon, water, fltrd, ug/L (61693)	Ben- tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)
DEC	cene, water, fltrd, ug/L (34221)	zine, water, fltrd, ug/L (39632)	phos- methyl oxon, water, fltrd, ug/L (61635)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Bendio- carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	water, fltrd, ug/L (50300)	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711)	[a]- pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067)	Sitos- terol, water, fltrd, ug/L (62068)
DEC 17 JAN	cene, water, fltrd, ug/L (34221)	zine, water, fltrd, ug/L (39632)	phos- methyl oxon, water, fltrd, ug/L (61635)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Bendio- carb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	water, fltrd, ug/L (50300)	furon, water, fltrd, ug/L (61693)	tazon, water, fltrd 0.7u GF ug/L (38711)	[a] - pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067)	Sitos- terol, water, fltrd, ug/L (62068)
DEC 17 JAN 16 FEB	cene, water, fltrd, ug/L (34221)	zine, water, fltrd, ug/L (39632) <.007	phos-methyl oxon, water, fltrd, ug/L (61635)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Bendiocarb, water, fltrd, ug/L (50299)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	water, fltrd, ug/L (50300) <.004	furon, water, fltrd, ug/L (61693) <.02	tazon, water, fltrd 0.7u GF ug/L (38711)	[a]- pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067) <.5	Sitos- terol, water, fltrd, ug/L (62068)
DEC 17 JAN 16 FEB 18	cene, water, fltrd, ug/L (34221) <.5 <.5	zine, water, fltrd, ug/L (39632) <.007 <.007	phos- methyl oxon, water, fltrd, ug/L (61635) <.02 <.02	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5	Sitos- terol, water, fltrd, ug/L (62068)
DEC 17 JAN 16 FEB 18 MAR 18	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635) <02 <02 <02 <02	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050	surrog, Sched. 2060, 9060, wat flt pct rcv (90640) 66.9 96.0 94.8	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5	Sitos- terol, water, fltrd, ug/L (62068)
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 E.002 <.007	phos- methyl oxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 E.002 <.007 <.007	phos- methyl oxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02	phosmethyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 E.002 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635) <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02 <02	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 E.002 <.007 <.007 <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635)	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635)	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) < .5 < .5 < .5 < .5 < .5 < .5 < .5 < .	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 AUG	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.03	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) < .5 < .5 < .5 < .5 < .5 < .5 < .5 < .	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendio- carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) < .5 < .5 < .5 < .5 < .5 < .5 < .5 < .	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.03	phosmethyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rcv (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos-terol, water, fltrd, ug/L (62068) <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl oxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6 110 100 105	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	[a] - pyrene, water, fltrd, ug/L (34248) < .5 < .5 < .5 < .5 < .5 < .5 < .5 < .	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos- terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08 08 08 08 19 SEP 04 04	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 El27 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 .010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.</td <td>water, fltrd, ug/L (50300) <.004 <.004</td> <td>furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0</td> <td>tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0</td> <td>[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.</td> <td>phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.</td> <td>Sitos-terol, water, fltrd, ug/L (62068) <2 <</td>	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos-terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 08 09 SEP 04 04	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 E127 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248)	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos-terol, water, fltrd, ug/L (62068) <2
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08 08 08 08 19 SEP 04 04	cene, water, fltrd, ug/L (34221) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	zine, water, fltrd, ug/L (39632) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyloxon, water, fltrd, ug/L (61635) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	surrog, Sched. 2060/ 9060, wat flt pct rev (90640) 66.9 96.0 94.8 96.0 90.4 El27 87.9 86.0 69.8 71.1 93.6	Bendiocarb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	fluralin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 .010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.010 </.</td <td>water, fltrd, ug/L (50300) <.004 <.004</td> <td>furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0</td> <td>tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0</td> <td>[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.</td> <td>phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.</td> <td>Sitos-terol, water, fltrd, ug/L (62068) <2 <</td>	water, fltrd, ug/L (50300) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	[a] - pyrene, water, fltrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	Sitos-terol, water, fltrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	beta- Stigma- stanol, water, fltrd, ug/L (62086)	nol A, water,	aBisphen ol A-d3 sur Sch 2033 & 8033, wat flt pct rcv (99583)	Broma- cil, water, fltrd, ug/L	Brom- oxynil, water, fltrd 0.7u GF ug/L (49311)	feine, water,	13C, surrog, wat flt percent recovry	wat flt pct rcv		fltrd	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Carbo- furan, water, fltrd 0.7u GF ug/L (49309)
DEC													
17	<2	<1	8.4	< .03	<.02	<.5	122	104	<.5	< .03	< .041	<.5	<.006
JAN 16	<2	<1	17.2	<.03	<.02	<.5	E72.8	99.0	<.5	<.03	<.041	<.5	<.006
FEB 18	<2	<1	43.3	<.03	<.02	<.5	81.2	98.9	<.5	< .03	<.041	<.5	<.006
MAR 18 APR	<2	<1	26.7	<.03	<.02	М	62.3	92.8	<.5	<.03	<.041	<.5	<.006
14 MAY	<2	<1	.0	<.03	<.02	<.5	53.9	91.8	<.5	<.03	<.041	<.5	<.006
14	<2	<1	66.7	<.03	<.02	<.5	E119	91.7	<.5	<.03	<.041	<.5	<.006
30	<2	<1	56.5	<.03	<.02	<.5	E161	69.6	<.5	<.03	<.041	<.5	<.006
30	<2	<1	75.0	< .03	< .02	<.5	E74.0	83.3	<.5	< .03	< .041	<.5	<.006
JUN 11	<2	М	72.0	< .03	<.02	<.5	54.1	84.0	<.5	<.03	<.041	<.5	<.006
11				<.03	<.02	<.010	82.2			<.03			<.006
26	<2	<1	76.0	< .03	<.02	<.5	85.5	80.0	<.5	< .03	< .041	<.5	<.006
JUL	_			_		_			_			_	
10	<2 <2	<1 <1	73.9 105	<.5 <.03	<.02	<.5 <.5	 117	130 136	<.5 <.5	<.03	<1 <.041	<.5 <.5	<.006
AUG	<2	< 1	103	<.03	<.02	<.5	11/	130	<.5	<.03	<.041	<.5	<.000
08													
08	<2	<1	87.0	<.03	<.02	<.5	67.6	122	<.5	<.03	< .041	<.5	<.006
08													
08 19	<2 <2	<1 <1	<i>87.0</i> 60.9	<.03	<.02 <.02	<.5 <.5	64.5 57.4	122 130	<.5	<.03 <.03	<.041 <.041	<.5 <.5	<.006 <.006
SEP	<2	< 1	60.9	<.03	<.02	<.5	57.4	130	<.5	<.03	<.041	<.5	<.006
04				<.03	<.02	<.010	137			<.03			<.006
04				<.03	<.02	E.004	127			<.03			<.006
04	<2	<1	63.6	<.03	<.02	M	94.1	100	<.5	< .03	< .041	M	<.006
17	<2	<1	43.5	< .03	<.02	<.5	68.5	91.3	<.5	< .03	< .041	<.5	<.006
17													
17													
Date	Chlor- amben methyl ester, water, fltrd, ug/L (61188)	Chlori- muron, water, fltrd, ug/L (50306)	di-	water, fltrd	Chlor- pyrifos oxon, water,		terol, water,	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	water, fltrd	Cot- inine, water, fltrd, ug/L (62005)	Cyclo- ate, water, fltrd, ug/L (04031)	Cyflu- thrin, water, fltrd, ug/L (61585)	Cyper- methrin water, fltrd, ug/L (61586)
	amben methyl ester, water, fltrd, ug/L	Chlori- muron, water, fltrd, ug/L	di- amino- s-tri- azine, wat flt ug/L	thalo- nil, water, fltrd 0.7u GF ug/L	Chlor- pyrifos oxon, water, fltrd, ug/L	Chlor- pyrifos water, fltrd, ug/L	terol, water, fltrd, ug/L	Per- methrin water fltrd 0.7u GF ug/L	alid, water, fltrd 0.7u GF ug/L	Cot- inine, water, fltrd, ug/L	ate, water, fltrd, ug/L	thrin, water, fltrd, ug/L	methrin water, fltrd, ug/L
DEC 17	amben methyl ester, water, fltrd, ug/L	Chlori- muron, water, fltrd, ug/L	di- amino- s-tri- azine, wat flt ug/L	thalo- nil, water, fltrd 0.7u GF ug/L	Chlor- pyrifos oxon, water, fltrd, ug/L	Chlor- pyrifos water, fltrd, ug/L	terol, water, fltrd, ug/L	Per- methrin water fltrd 0.7u GF ug/L	alid, water, fltrd 0.7u GF ug/L	Cot- inine, water, fltrd, ug/L	ate, water, fltrd, ug/L	thrin, water, fltrd, ug/L	methrin water, fltrd, ug/L
DEC	amben methyl ester, water, fltrd, ug/L (61188)	Chlori- muron, water, fltrd, ug/L (50306)	di- amino- s-tri- azine, wat flt ug/L (04039)	thalo- nil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	terol, water, fltrd, ug/L (62072)	Per- methrin water fltrd 0.7u GF ug/L (82687)	alid, water, fltrd 0.7u GF ug/L (49305)	Cot- inine, water, fltrd, ug/L (62005)	ate, water, fltrd, ug/L (04031)	thrin, water, fltrd, ug/L (61585)	methrin water, fltrd, ug/L (61586)
DEC 17 JAN 16	amben methyl ester, water, fltrd, ug/L (61188) <.02	Chlori- muron, water, fltrd, ug/L (50306)	di- amino- s-tri- azine, wat flt ug/L (04039)	thalo- nil, water, fltrd 0.7u GF ug/L (49306) <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933) <.005	terol, water, fltrd, ug/L (62072)	Per- methrin water fltrd 0.7u GF ug/L (82687)	alid, water, fltrd 0.7u GF ug/L (49305) <.01	Cot- inine, water, fltrd, ug/L (62005)	ate, water, fltrd, ug/L (04031)	thrin, water, fltrd, ug/L (61585) <.008	methrin water, fltrd, ug/L (61586)
DEC 17 JAN 16 FEB 18 MAR 18	amben methyl ester, water, fltrd, ug/L (61188) <.02	Chlori- muron, water, fltrd, ug/L (50306) <.010	di- amino- s-tri- azine, wat flt ug/L (04039)	thalo- nil, water, fltrd 0.7u GF ug/L (49306) <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06	Chlor- pyrifos water, fltrd, ug/L (38933) <.005	terol, water, fltrd, ug/L (62072)	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01	Cot- inine, water, fltrd, ug/L (62005)	ate, water, fltrd, ug/L (04031) <.01	thrin, water, fltrd, ug/L (61585) <.008	methrin water, fltrd, ug/L (61586) <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01	thalonil, water, fltrd 0.7u GF ug/L (49306) < .04 < .04 < .04 < .04 < .04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 APR 14 30 30 JUN 11	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <-2 <-2 <-	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 AUG	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	Per-methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.007 <.007 <.007 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	Per-methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 AUG 08 08 08	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010010 <.010010010010010010010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per-methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 AUG 08 08 08 08 08 19 SEP	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04 04	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, filtrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04 04	amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	Chlori- muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Chlor- pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	terol, water, fltrd, ug/L (62072) <2	Permethrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cot- inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	ate, water, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	methrin water, fltrd, ug/L (61586) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	ug/L	DCPA, water fltrd 0.7u GF ug/L	pct rcv	DEET, water, fltrd, ug/L	Desulf- inyl fipro- nil, water, fltrd, ug/L	Diaz- inon oxon, water, fltrd, ug/L	non, water, fltrd, ug/L	aDiazi- non-d10 surrog, Sch2003 wat flt percent recovry (99994)	Dicamba water fltrd 0.7u GF ug/L	ug/L	Dicro- tophos, water fltrd, ug/L	Diel- drin, water, fltrd, ug/L	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L
	(49304)	(82682)	(99585)	(62082)	(62170)	(61638)	(39572)	(99994)	(38442)	(49302)	(38454)	(39381)	(62083)
DEC 17	<.01	<.003	87.2	М	<.004	<.04	<.005	95.0	<.01	<.01	<.08	<.005	<5
JAN 16	<.01	<.003	85.0	<.5	<.004	<.04	<.005	102	<.01	<.01	<.08	<.005	<5
FEB 18	<.01	<.003	84.1	<.5	<.004	<.04	<.005	108	<.01	<.01	<.08	<.005	<5
MAR 18	<.01	<.003	71.0	М	<.004	<.04	<.005	93.6	<.01	<.01	<.08	<.005	<5
APR 14 MAY	<.01	E.002	68.7	<.5	<.004	<.04	<.005	105	<.01	<.01	<.08	<.005	<5
14	<.01	<.003	91.7	<.5	<.004	<.01	<.005	106	<.01	<.01	<.08	<.005	<5
30 30	<.01 <.01	<.003 <.003	47.8 66.7	M <.5	<.004 <.004	<.01 <.01	<.005 <.005		<.01 <.01	<.01 <.01	<.08 <.08	<.005 <.005	<5 <5
JUN													
11 11	<.01 <.01	<.003	64.0	E.1	<.004	<.01	<.005	87.7 	<.01 <.01	<.01 <.01	<.08	<.005	<5
26 JUL	<.01	<.003	68.0	<.5	<.004	<.01	<.005	107	<.01	<.01	<.08	<.005	<5
10	 <.01	<.003	73.9 81.8	<.5 <.5	<.004	<.01	<.5 <.005	 92.9	 <.01	 <.01	<.08	<.005	<5 <5
AUG													
08 08	<.01	<.003	65.2	 E.1	<.004	<.01	<.005	105	 <.01	<.01	<.08	<.005	 <5
08													
08 19	<.01 <.01	<.003 <.003	<i>65.2</i> 78.3	E.1 <.5	<.004 <.004	<.01 <.01	<.005 <.005	105 106	<.01 <.01	<.01 <.01	<.08 <.08	<.005 <.005	<5 <5
SEP 04	<.01								<.01	<.01			
04	<.01								<.01	<.01			
04	<.01	<.003	54.5 69.6	M	<.004	<.01	<.005 <.005	103	<.01	<.01	<.08	<.005	<5 <5
17 17	<.01	<.003		E.1	<.004	<.01	<.005	96.4 	<.01	<.01	<.08	<.005	
17													
Date	Di- ethoxy- octyl- phenol, water, fltrd ug/L	oate, water, fltrd 0.7u GF ug/L	Dinoseb water, fltrd 0.7u GF ug/L	amid, water, fltrd, ug/L	Diuron, water, fltrd 0.7u GF ug/L	nene, water, fltrd, ug/L	monoxon water, fltrd, ug/L	Ethion, water, fltrd, ug/L	water, fltrd ug/L	phos sulfone water, fltrd, ug/L	Fenami- phos sulf- oxide, water, fltrd, ug/L	phos, water, fltrd, ug/L	Fenuron water, fltrd 0.7u GF ug/L
Date	ethoxy- octyl- phenol, water, fltrd	oate, water, fltrd 0.7u GF	Dinoseb water, fltrd 0.7u GF	amid, water, fltrd,	water, fltrd 0.7u GF	nene, water, fltrd,	monoxon water, fltrd,	Ethion, water, fltrd,	octyl- phenol, water, fltrd	phos sulfone water, fltrd,	phos sulf- oxide, water, fltrd,	phos, water, fltrd,	water, fltrd 0.7u GF
DEC 17	ethoxy- octyl- phenol, water, fltrd ug/L	oate, water, fltrd 0.7u GF ug/L	Dinoseb water, fltrd 0.7u GF ug/L	amid, water, fltrd, ug/L	water, fltrd 0.7u GF ug/L	nene, water, fltrd, ug/L	monoxon water, fltrd, ug/L	Ethion, water, fltrd, ug/L	octyl- phenol, water, fltrd ug/L	phos sulfone water, fltrd, ug/L	phos sulf- oxide, water, fltrd, ug/L	phos, water, fltrd, ug/L	water, fltrd 0.7u GF ug/L
DEC 17 JAN 16	ethoxy- octyl- phenol, water, fltrd ug/L (61705)	oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	amid, water, fltrd, ug/L (04033)	water, fltrd 0.7u GF ug/L (49300)	nene, water, fltrd, ug/L (62073)	monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	octyl- phenol, water, fltrd ug/L (61706)	phos sulfone water, fltrd, ug/L (61645)	phos sulf- oxide, water, fltrd, ug/L (61646)	phos, water, fltrd, ug/L (61591)	water, fltrd 0.7u GF ug/L (49297)
DEC 17 JAN 16 FEB 18	ethoxy- octyl- phenol, water, fltrd ug/L (61705)	oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	amid, water, fltrd, ug/L (04033)	water, fltrd 0.7u GF ug/L (49300)	nene, water, fltrd, ug/L (62073)	monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	octyl- phenol, water, fltrd ug/L (61706)	phos sulfone water, fltrd, ug/L (61645)	phos sulf- oxide, water, fltrd, ug/L (61646)	phos, water, fltrd, ug/L (61591)	water, fltrd 0.7u GF ug/L (49297)
DEC 17 JAN 16 FEB 18 MAR 18	ethoxy- octyl- phenol, water, fltrd ug/L (61705)	oate, water, fltrd 0.7u GF ug/L (82662) <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01	amid, water, fltrd, ug/L (04033) <.03	water, fltrd 0.7u GF ug/L (49300) .05	nene, water, fltrd, ug/L (62073) <.5	monoxon water, fltrd, ug/L (61644) <.03 <.03	Ethion, water, fltrd, ug/L (82346) <.004	octyl- phenol, water, fltrd ug/L (61706)	phos sulfone water, fltrd, ug/L (61645) <.008	phos sulf- oxide, water, fltrd, ug/L (61646)	phos, water, fltrd, ug/L (61591) <.03	water, fltrd 0.7u GF ug/L (49297) <.03
DEC 17 JAN 16 FEB 18	ethoxy- octyl- phenol, water, fltrd ug/L (61705)	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01	amid, water, fltrd, ug/L (04033) <.03 <.03	water, fltrd 0.7u GF ug/L (49300) .05 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5	monoxon water, fltrd, ug/L (61644) <.03 <.03	Ethion, water, fltrd, ug/L (82346) <.004 <.004	octyl-phenol, water, fltrd ug/L (61706)	phos sulfone water, fltrd, ug/L (61645) <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03	water, fltrd 0.7u GF ug/L (49297) <.03 <.03
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03	water, fltrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004	octyl-phenol, water, filtrd ug/L (61706) <1 <1 <1 <1 <1 <1	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03	water, fltrd 0.7u GF ug/L (49297) < .03 < .03 < .03 < .03 < .03
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 AOR 14 JUN 11 26 JUL 10	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 JUN 11 26 JUL 10 AUG	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf-oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 JUN 11 11 26 JUL 10 10 AUG 08 08	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, filtrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf-oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, filtrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.031 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.00	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.031 <.008 <.008	phos sulf-oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 08 09 SEP 04 04	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.00	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, fltrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL 10 AUG 08 08 08 08 08 08 19 SEP 04 04	ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	Dinoseb water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, filtrd 0.7u GF ug/L (49300) .05 <.01 <.01 E.01 E.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	Ethion, water, fltrd, ug/L (82346) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	phos sulfone water, filtrd, ug/L (61645) <.008 <.008 <.008 <.008 <.008 <.008 <.031 <.008 <.008	phos sulf- oxide, water, fltrd, ug/L (61646) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	phos, water, fltrd, ug/L (61591) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	water, fltrd 0.7u GF ug/L (49297) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

	Date	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil	Fipro- nil sulfone water, fltrd, ug/L (62168)		Flumet- sulam, water, fltrd, ug/L (61694)	Fluo- meturon water fltrd 0.7u GF ug/L (38811)		sur Sch 20/8033	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa- zinone, water, fltrd, ug/L (04025)	Imaza- quin, water, fltrd, ug/L (50356)
Table	DEC													
1		<.009	<.005	<.005	<.007	<.01	<.03	<.5	103	<.002	<.003	<.5		<.02
18	16	<.009	<.005	<.005	<.007	<.01	<.03	<.5	93.6	<.002	<.003	<.5		<.02
18	18	<.009	<.005	<.005	<.007	<.01	<.03	<.5	92.8	<.002	<.003	<.5		< .02
14 14 15 15 15 15 15 15	18	<.009	<.005	<.005	<.007	<.01	<.03	<.5	85.3	<.002	< .003	<.5		<.02
14	14	<.009	<.005	<.005	<.007	<.01	<.03	<.5	82.0	<.002	<.003	<.5		<.02
1	14													
11														
1		< 0.09	< 0.05	< 0.05	< 007	< 01	< 03	< 5	88 0	< 0.02	< 0.03	< 5	< 013	< 02
Note	11					<.01	<.03							<.02
100	JUL													
08.														
1														
	08													
SEP	08	<.009	<.005	<.005	<.007	<.01	<.03	<.5	117	<.002	<.003	<.5	<.013	<.02
Odd Color Color		<.009	<.005	<.005	<.007	<.01	<.03	<.5	130	<.002	<.003	<.5	<.013	<.02
17 17	04	<.009	<.005	<.005	<.007	<.01	<.03	<.5	100	<.002	< .003	<.5	<.013	<.02
The color of the														
The color of the														
JAN 16	Date	thapyr, water, fltrd, ug/L	cloprid water, fltrd, ug/L	water, fltrd, ug/L	dione, water, fltrd, ug/L	neol, water, fltrd, ug/L	butyl alcohol -d6, surrog, wat unf pct rcv	phos, water, fltrd, ug/L	phorone water, fltrd, ug/L	propyl- benzene water, fltrd, ug/L	quin- oline, water, fltrd, ug/L	water fltrd 0.7u GF ug/L	oxon, water, fltrd, ug/L	thion, water, fltrd, ug/L
FEB 18	DEC	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (62076)	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077)	butyl alcohol -d6, surrog, wat unf pct rcv (62835)	phos, water, fltrd, ug/L (61594)	phorone water, fltrd, ug/L (34409)	propyl- benzene water, fltrd, ug/L (62078)	quin- oline, water, fltrd, ug/L (62079)	water fltrd 0.7u GF ug/L (38478)	oxon, water, fltrd, ug/L (61652)	thion, water, fltrd, ug/L (39532)
MAR 18	DEC 17 JAN	thapyr, water, fltrd, ug/L (50407)	cloprid water, fltrd, ug/L (61695)	water, fltrd, ug/L (62076)	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077)	butyl alcohol -d6, surrog, wat unf pct rev (62835)	phos, water, fltrd, ug/L (61594)	phorone water, fltrd, ug/L (34409)	propyl- benzene water, fltrd, ug/L (62078)	quin- oline, water, fltrd, ug/L (62079)	water fltrd 0.7u GF ug/L (38478)	oxon, water, fltrd, ug/L (61652)	thion, water, fltrd, ug/L (39532)
APR 14	DEC 17 JAN 16 FEB	thapyr, water, fltrd, ug/L (50407) <.02	cloprid water, fltrd, ug/L (61695) <.007	water, fltrd, ug/L (62076) <.5	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077)	butyl alcohol -d6, surrog, wat unf pct rev (62835)	phos, water, fltrd, ug/L (61594) <.003	phorone water, fltrd, ug/L (34409) <.5 <.5	propyl- benzene water, fltrd, ug/L (62078)	quin- oline, water, fltrd, ug/L (62079)	water fltrd 0.7u GF ug/L (38478) <.01	oxon, water, fltrd, ug/L (61652) <.008	thion, water, fltrd, ug/L (39532) <.027
MAY 14	DEC 17 JAN 16 FEB 18 MAR	thapyr, water, fltrd, ug/L (50407) <.02 <.02	cloprid water, fltrd, ug/L (61695) <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5	dione, water, fltrd, ug/L (61593) <1 <1 <1	neol, water, fltrd, ug/L (62077) <.5 <.5	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121	phos, water, fltrd, ug/L (61594) <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027
30	DEC 17 JAN 16 FEB 18 MAR 18	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027
30	DEC 17 JAN 16 FEB 18 MAR 18	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027
11	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027
26	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027
JUL 10	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593)	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rev (62835) 122 121 110 99.1 97.1 142 116 106	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5	quin- oline, water, filtrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
10	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rev (62835) 122 121 110 99.1 97.1 142 116 106	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.02	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027027
08	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
08	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rev (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 .01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01 </.01</th <th>oxon, water, fltrd, ug/L (61652) <.008 <.008</th> <th>thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027</th>	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
19	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
SEP 04	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rev (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl- benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478)	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 AUG 08 08 08	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139 114 127	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl-benzene water, fltrd, ug/L (62078)	quin- oline, water, filtrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
04 <.02 <.007 <.5 <1 <.5 105 <.003 <.5 <.5 <.5 <.01 <.008 <.027 17 <.02 <.007 <.5 <1 <.5 93.1 <.003 <.5 <.5 <.5 <.5 <.01 <.008 <.027 17	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139 114 127	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl-benzene water, fltrd, ug/L (62078)	quin- oline, water, filtrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
17	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139 114 127 112	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl-benzene water, fltrd, ug/L (62078)	quin- oline, water, filtrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139 127 112	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027
	DEC 17 JAN 16 FEB 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 19 SEP 04 04 04 04	thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	butyl alcohol -d6, surrog, wat unf pct rcv (62835) 122 121 110 99.1 97.1 142 116 106 95.6 113 116 139 127 112 105 93.1	phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	quin- oline, water, filtrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water fltrd 0.7u GF ug/L (38478) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	oxon, water, fltrd, ug/L (61652) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

The color The	Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	Methio- carb, water, fltrd 0.7u GF ug/L (38501)	Meth- omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl acetate water unfltrd ug/L (77032)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)
This		. 02	. 01		. 02	. 005	. 006	. 000	. 004	. 4	. 02	. 006		. 012
Part	JAN													
Mar	FEB													
March Marc	MAR													
No.	APR													
30.	MAY													
30														
11	30													
11		<.02	<.01	<.5	<.02	<.005	<.006	<.008	<.004	< . 4	<.03	<.006	<.5	<.013
Note	11	<.02	<.01		<.02			<.008	<.004					
10		<.02	<.01	<.5	<.02	<.005	<.006	<.008	< .004	< . 4	<.03	<.006	<.5	<.013
Note	10													
08.		<.02	<.01	<.5	<.02	<.005	<.006	<.008	< .004	< . 4	<.03	<.006	<.5	<.013
08.	08													
08.														
SEP									<.004					
04		<.02	<.01	<.5	<.02	<.005	<.006	<.008	< .004	< . 4	<.03	<.006	<.5	<.013
1		<.02	<.01		<.02			<.008	<.004					
17														
17 17														
Metri														
Netrice Netr	17									4.6				
The color of the														
JAN	Date	buzin, water, fltrd, ug/L	furon, water, fltrd, ug/L	butanil water, fltrd, ug/L	Chloro- phenyl) -N'- methyl- urea, ug/L	alene, water, fltrd, ug/L	water, fltrd 0.7u GF ug/L	sul- furon, water, fltrd, ug/L	azon, water, fltrd 0.7u GF ug/L	zalin, water, fltrd 0.7u GF ug/L	water, fltrd 0.7u GF ug/L	Cresol, water, fltrd, ug/L	meth- alin, water, fltrd 0.7u GF ug/L	chloro- phenol, water, fltrd, ug/L
FEB 18	DEC	buzin, water, fltrd, ug/L (82630)	furon, water, fltrd, ug/L (61697)	butanil water, fltrd, ug/L (61599)	Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	alene, water, fltrd, ug/L (34443)	water, fltrd 0.7u GF ug/L (49294)	sul- furon, water, fltrd, ug/L (50364)	azon, water, fltrd 0.7u GF ug/L (49293)	zalin, water, fltrd 0.7u GF ug/L (49292)	water, fltrd 0.7u GF ug/L (38866)	Cresol, water, fltrd, ug/L (62084)	meth- alin, water, fltrd 0.7u GF ug/L (82683)	chloro- phenol, water, fltrd, ug/L (34459)
MAR 18	DEC 17 JAN	buzin, water, fltrd, ug/L (82630)	furon, water, fltrd, ug/L (61697)	butanil water, fltrd, ug/L (61599)	Chloro- phenyl) -N'- methyl- urea, ug/L (61692)	alene, water, fltrd, ug/L (34443)	water, fltrd 0.7u GF ug/L (49294)	sul- furon, water, fltrd, ug/L (50364)	azon, water, fltrd 0.7u GF ug/L (49293)	zalin, water, fltrd 0.7u GF ug/L (49292)	water, fltrd 0.7u GF ug/L (38866)	Cresol, water, fltrd, ug/L (62084)	meth- alin, water, fltrd 0.7u GF ug/L (82683)	chloro- phenol, water, fltrd, ug/L (34459)
APR 14	DEC 17 JAN 16 FEB	buzin, water, fltrd, ug/L (82630) <.006	furon, water, fltrd, ug/L (61697) <.03	butanil water, fltrd, ug/L (61599) <.008	Chloro-phenyl) -N'- methyl- urea, ug/L (61692) <.02	alene, water, fltrd, ug/L (34443)	water, fltrd 0.7u GF ug/L (49294) <.01	sul- furon, water, fltrd, ug/L (50364) <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02	zalin, water, fltrd 0.7u GF ug/L (49292) <.02	water, fltrd 0.7u GF ug/L (38866) <.01	Cresol, water, fltrd, ug/L (62084)	meth- alin, water, fltrd 0.7u GF ug/L (82683) <.022	chloro- phenol, water, fltrd, ug/L (34459)
MAY 14	DEC 17 JAN 16 FEB 18 MAR	buzin, water, fltrd, ug/L (82630) <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03	butanil water, fltrd, ug/L (61599) <.008 <.008	Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02	alene, water, fltrd, ug/L (34443) <.5 <.5	water, fltrd 0.7u GF ug/L (49294) <.01 <.01	sul- furon, water, fltrd, ug/L (50364) <.01 <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02	water, fltrd 0.7u GF ug/L (38866) <.01 <.01	Cresol, water, fltrd, ug/L (62084)	meth- alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459)
30	DEC 17 JAN 16 FEB 18 MAR 18	buzin, water, fltrd, ug/L (82630) <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03	butanil water, fltrd, ug/L (61599) <.008 <.008	Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02	alene, water, fltrd, ug/L (34443) <.5 <.5	water, fltrd 0.7u GF ug/L (49294) <.01 <.01	sul- furon, water, fltrd, ug/L (50364) <.01 <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02	water, fltrd 0.7u GF ug/L (38866) <.01 <.01	Cresol, water, fltrd, ug/L (62084)	meth- alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459)
30	DEC 17 JAN 16 FEB 18 MAR 18	buzin, water, fltrd, ug/L (82630) <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008	Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01	sul- furon, water, fltrd, ug/L (50364) <.01 <.01 <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <022 <022 <022 <022	chloro- phenol, water, fltrd, ug/L (34459)
JUN 11	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008	Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01	sul- furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <m< td=""><td>meth-alin, water, fltrd 0.7u GF ug/L (82683) <- 022 <- 022</td><td>chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2</td></m<>	meth-alin, water, fltrd 0.7u GF ug/L (82683) <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022 <- 022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2
11	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, furon, water, filtrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	meth-alin, water, fltrd 0.7u GF ug/L (82683) <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <022 <	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2
26	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul- furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 <1 M <1 M <1 M <1 M	meth-alin, water, fltrd 0.7u GF ug/L (82683) <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-022 <-0	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
10	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 APR 14 30 30 JUN 11	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, furon, water, filtrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 M <1 M <1 M <1 M <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
10	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 M <1 M <1 M <1 M <1	meth-alin, water, fltrd 0.7u GF ug/L (82683)	chloro-phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
08	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 AU 14 30 JUN 11 11 26 JUL	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, furon, water, filtrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
08	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro-phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
08	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 AUG	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
19	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866)	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1	meth-alin, water, fltrd 0.7u GF ug/L (82683)	chloro-phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 <1 M <1 M <1 <1 M <1 M	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, fltrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 .022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022 </.022</td <td>chloro-phenol, water, fltrd, ug/L (34459) <2</td>	chloro-phenol, water, fltrd, ug/L (34459) <2
04 <.006 <.03 <.008 <.02 <.5 <.01 <.01 <.02 <.02 <.01 M <.022 <2 17 <.006 <.03 <.008 <.02 <.5 <.01 <.01 <.02 <.02 <.01 <1 <.022 <2 17	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 AUG 08 08 08 08 08 19 SEP	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866)	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 M <1 <1 M <1 <1 M <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro-phenol, water, fltrd, ug/L (34459) <2
17	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04 04	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1 <1 <1 <1 <1 <1 M <1	meth-alin, water, fltrd 0.7u GF ug/L (82683)	chloro- phenol, water, fltrd, ug/L (34459) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
	DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 19 SEP 04 04 04	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	furon, water, fltrd, ug/L (61697) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008	Chloro-pheny1) -N'- methy1- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zalin, water, fltrd 0.7u GF ug/L (49292) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	water, filtrd 0.7u GF ug/L (38866) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Cresol, water, fltrd, ug/L (62084) <1	meth-alin, water, fltrd 0.7u GF ug/L (82683) <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022 <.022	chloro-phenol, water, fltrd, ug/L (34459) <2

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)		Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic- loram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	water, fltrd	Propham water fltrd 0.7u GF ug/L (49236)	Propi- cona- zole, water, fltrd, ug/L (50471)	Pro- poxur, water, fltrd 0.7u GF ug/L (38538)
DEC 17	<.5	<.5	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
JAN 16	<.5	<.5	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
FEB													
18 MAR	<.5	<.5	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
18 APR	<.5	E.4	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
14 MAY	<.5	E.3	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
14 30 30	<.5 <.5 <.5	<.5 <i>E.2</i> .6	<.10 <.10 <.10	<.011 <.011 <.011	<.06 <.06 <.06	<.008 <.008 <.008	<.02 <.02 <.02	<.01 <.01 <.01	<.005 <.005 <.005	<.004 <.004 <.004	<.010 <.010 <.010	<.02 <.02 <.02	<.008 <.008 <.008
JUN 11	<.5	.5	<.10	<.011	<.06	<.008	<.02	<.01	<.005	< .004	<.010	<.02	<.008
11 26	<.5	<.5	<.10	<.011	<.06	<.008	<.02 <.02	<.01	<.005	<.004	<.010 <.010	<.02 <.02	<.008 <.008
JUL 10 10	<.5 <.5	.6 E.4	 <.10	 <.011	 <.06	<.008	 <.02	<.5 <.01	 <.005	<.004	<.010	 <.02	<.008
AUG 08													
08 08	<.5	. 6 	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
08 19 SEP	<.5 <.5	E.2 <.5	<.10 <.10	<.011 <.011	<.06 <.06	<.008 <.008	<.02 <.02	<.01 <.01	<.005 <.005	<.004 <.004	<.010 <.010	<.02 <.02	<.008 <.008
04							<.02 <.02				<.010 <.010	<.02 <.02	<.008 <.008
04	<.5	E.2	< .10	<.011	< .06	<.008	<.02	<.01	<.005	< .004	<.010	< .02	< .008
17 17	<.5	E.1	<.10	<.011	<.06	<.008	<.02	<.01	<.005	<.004	<.010	<.02	<.008
17													
Date	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima- zine, water, fltrd, ug/L (04035)	Sulfo- met- ruron, water, fltrd, ug/L (50337)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd, ug/L (04032)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	tert- Amyl alcohol water unfltrd ug/L (77073)	tert- Butyl- alcohol water unfltrd ug/L (77035)		Tri- bromo- methane water, fltrd, ug/L (34288)
DEC	water, fltrd, ug/L (34470)	water, fltrd, ug/L (38548)	zine, water, fltrd, ug/L (04035)	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670)	cil, water, fltrd, ug/L (04032)	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675)	buthyl- azine, water, fltrd, ug/L (04022)	Amyl alcohol water unfltrd ug/L (77073)	Butyl- alcohol water unfltrd ug/L (77035)	chloro- ethene, water, fltrd, ug/L (34476)	bromo- methane water, fltrd, ug/L (34288)
DEC 17 JAN	water, fltrd, ug/L (34470)	water, fltrd, ug/L (38548)	zine, water, fltrd, ug/L (04035)	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670)	cil, water, fltrd, ug/L (04032)	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675)	buthyl- azine, water, fltrd, ug/L (04022)	Amyl alcohol water unfltrd ug/L (77073)	Butyl- alcohol water unfltrd ug/L (77035)	chloro- ethene, water, fltrd, ug/L (34476)	bromo- methane water, fltrd, ug/L (34288)
DEC 17 JAN 16 FEB	water, fltrd, ug/L (34470) <.5	water, fltrd, ug/L (38548) <.02	zine, water, fltrd, ug/L (04035) <.005	met- ruron, water, fltrd, ug/L (50337) <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02	cil, water, fltrd, ug/L (04032) <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02	buthyl- azine, water, fltrd, ug/L (04022)	Amyl alcohol water unfltrd ug/L (77073) <.43	Butyl- alcohol water unfltrd ug/L (77035)	chloro- ethene, water, fltrd, ug/L (34476)	bromo- methane water, fltrd, ug/L (34288) <.5
DEC 17 JAN 16	water, fltrd, ug/L (34470) <.5 <.5	water, fltrd, ug/L (38548) <.02 <.02	zine, water, fltrd, ug/L (04035) <.005 <.005	met- ruron, water, fltrd, ug/L (50337)	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02	cil, water, fltrd, ug/L (04032) <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02	buthyl- azine, water, fltrd, ug/L (04022) <.01 <.01	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5
DEC 17 JAN 16 FEB 18	water, fltrd, ug/L (34470) <.5	water, fltrd, ug/L (38548) <.02	zine, water, fltrd, ug/L (04035) <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02	cil, water, fltrd, ug/L (04032) <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02	buthyl- azine, water, fltrd, ug/L (04022)	Amyl alcohol water unfltrd ug/L (77073) <.43	Butyl- alcohol water unfltrd ug/L (77035)	chloro- ethene, water, fltrd, ug/L (34476)	bromo- methane water, fltrd, ug/L (34288) <.5
DEC 17 JAN 16 FEB 18 MAR 18	water, fltrd, ug/L (34470) <.5 <.5 <.5	water, fltrd, ug/L (38548) <.02 <.02 <.02	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02	buthyl- azine, water, fltrd, ug/L (04022) <.01 <.01 <.01	Amyl alcohol water unfiltrd ug/L (77073) <.43 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07 <.07 <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022)	Amyl alcohol water unfiltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro- ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 JUN JUN	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07 <.07 <.07 <.07 <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro- ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfiltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUN JUL 10 AUG	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 AUG 08	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfiltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL 10 AUG 08 08	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met-ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 AUG 08	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfiltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUN 10 AUG 08 08 08 08 08 19 SEP	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674)	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04 04	water, fltrd, ug/L (34470) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	water, fltrd, ug/L (38548) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	zine, water, fltrd, ug/L (04035) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	met- ruron, water, fltrd, ug/L (50337) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009	thiuron water fltrd 0.7u GF ug/L (82670) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	cil, water, fltrd, ug/L (04032) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	bufos oxon sulfone water, fltrd, ug/L (61674) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0	fos, water, fltrd 0.7u GF ug/L (82675) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0	buthyl-azine, water, fltrd, ug/L (04022) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.0	Amyl alcohol water unfltrd ug/L (77073) <.43 <.4 <.4 <.4 <.4 <.4 <.4 <.	Butyl- alcohol water unfltrd ug/L (77035) <1 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	chloro-ethene, water, fltrd, ug/L (34476) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromomethane water, fltrd, ug/L (34288) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	water, fltrd 0.7u GF ug/L	water, fltrd, ug/L	ethyl citrate water, fltrd, ug/L	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	phenyl phos- phate, water, fltrd, ug/L	butoxy- ethyl) phos- phate,	chloro- ethyl) phos- phate, wat flt ug/L	chloro- i-Pr) phos- phate, wat flt ug/L	1,1,1,2 -Tetra- chloro- ethane, water, unfltrd ug/L (77562)	Tri- chloro- ethane, water, unfltrd ug/L	-Tetra- chloro- ethane, water, unfltrd ug/L	CFC-113 water unfltrd ug/L
DEC	_			_		_	-	-	_				
17 JAN	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
16 FEB	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
18 MAR	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	< .03	<.09	<.06
18	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
APR 14	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
MAY 14	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
30	<.5	< .02	<1	<.5	< .009	<.5	<.5	<.5	<.5	< .03	< .03	<.09	<.06
30 JUN	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
11 11	< .5	<.02	<1	<.5	<.009	<.5	<.5	<.5	< .5	<.03	<.03	<.09	< .06
26 JUL	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	< .03	<.09	<.06
10	<.5		<1	<.5		<.5	<.5	<.5	<.5	<.03	< .03	<.09	<.06
10 AUG	<.5	<.02	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.09	<.06
08 08	 <.5	 <.02	 <1	 <.5	 <.009	 <.5	 <.5	 <.5	 <.5	 <.03	 <.03	 <.09	 <.06
08													
08 19	<.5 <.5	<.02	<1 <1	<.5 <.5	<.009 <.009	<.5 <.5	<.5 <.5	<.5 <.5	<.5 <.5	<.03 <.03	<.03 <.03	<.09 <.09	<.06 <.06
SEP													
04 04		<.02 <.02											
04 17	<.5 <.5	<.02	<1 <1	<.5 <.5	<.009 <.009	<.5 <.5	<.5 <.5	<.5 <.5	<.5 <.5	<.03 <.03	<.03	<.09 <.09	<.06 <.06
17										.53	.50	1.34	.48
17													
Date	chloro- ethane, water,	1,1-Di- chloro- ethane, water unfltrd ug/L	chloro- ethene, water, unfltrd ug/L	chloro- propene water unfltrd ug/L	Tetra- methyl- benzene water	Tetra- methyl- benzene water unfltrd ug/L	chloro- benzene water unfltrd ug/L	Tri- chloro- propane water unfltrd ug/L	Tri- methyl- benzene water unfltrd ug/L	Tri- chloro- benzene water unfltrd ug/L	Tri- methyl- benzene water	Dibromo chloro- propane water unfltrd ug/L	bromo- ethane, water, unfltrd ug/L
DEC	Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496)	chloro- ethene, water, unfltrd ug/L (34501)	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999)	Tetra- methyl- benzene water unfltrd ug/L (50000)	Tri- chloro- benzene water unfltrd ug/L (77613)	Tri- chloro- propane water unfltrd ug/L (77443)	Tri- methyl- benzene water unfltrd ug/L (77221)	Tri- chloro- benzene water unfltrd ug/L (34551)	Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo chloro- propane water unfltrd ug/L (82625)	bromo- ethane, water, unfltrd ug/L (77651)
	Tri- chloro- ethane, water, unfltrd ug/L	1,1-Di- chloro- ethane, water unfltrd ug/L	chloro- ethene, water, unfltrd ug/L	chloro- propene water unfltrd ug/L	Tetra- methyl- benzene water unfltrd ug/L	Tetra- methyl- benzene water unfltrd ug/L	Tri- chloro- benzene water unfltrd ug/L	Tri- chloro- propane water unfltrd ug/L	Tri- methyl- benzene water unfltrd ug/L	Tri- chloro- benzene water unfltrd ug/L	Tri- methyl- benzene water unfltrd ug/L	Dibromo chloro- propane water unfltrd ug/L	bromo- ethane, water, unfltrd ug/L
DEC 17	Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496)	chloro- ethene, water, unfltrd ug/L (34501)	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999)	Tetra- methyl- benzene water unfltrd ug/L (50000)	Tri- chloro- benzene water unfltrd ug/L (77613)	Tri- chloro- propane water unfltrd ug/L (77443)	Tri- methyl- benzene water unfltrd ug/L (77221)	Tri- chloro- benzene water unfltrd ug/L (34551)	Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo chloro- propane water unfltrd ug/L (82625)	bromo- ethane, water, unfltrd ug/L (77651)
DEC 17 JAN 16 FEB 18	Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04	chloro- ethene, water, unfltrd ug/L (34501) <.04 <.04	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2	Tri-chloro-benzene water unfltrd ug/L (77613)	Tri-chloro-propane water unfltrd ug/L (77443)	Tri-methyl-benzene water unfltrd ug/L (77221)	Tri- chloro- benzene water unfltrd ug/L (34551)	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06	Dibromo chloro-propane water unfltrd ug/L (82625)	bromo- ethane, water, unfltrd ug/L (77651)
DEC 17 JAN 16 FEB 18 MAR	Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04	chloro- ethene, water, unfltrd ug/L (34501) <.04 <.04	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2	Tri-chloro-benzene water unfltrd ug/L (77613)	Tri-chloro-propane water unfltrd ug/L (77443)	Tri-methyl-benzene water unfltrd ug/L (77221)	Tri-chloro-benzene water unfltrd ug/L (34551)	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06	Dibromo chloro-propane water unfltrd ug/L (82625)	bromo- ethane, water, unfltrd ug/L (77651)
DEC 17 JAN 16 FEB 18 MAR 18	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04	chloro- ethene, water, unfltrd ug/L (34501) <.04 <.04	chloro- propene water unfltrd ug/L (77168) <.05 <.05	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2	Tri-chloro-benzene water unfltrd ug/L (77613)	Tri-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1	Tri- chloro- benzene water unfltrd ug/L (34551) <.1 <.1 <.1	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06	Dibromo chloro- propane water unfltrd ug/L (82625)	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04 <.04	chloro- ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04	chloro- propene water unfltrd ug/L (77168) <.05 <.05 <.05 <.05	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04	chloro-ethene, water, unfltrd ug/L (34501)	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	Tri-chloro-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri- methyl- benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri- chloro- benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	chloro-ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro- chloro- propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri- methyl- benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri- chloro- benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04	chloro-ethene, water, unfltrd ug/L (34501)	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	Tri-chloro-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri- methyl- benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri- chloro- benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di- chloro- ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chlorobenzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri- chloro- benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri- methyl- benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetra- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetra- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04 04	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 19 SEPP 04	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	Tetramethyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro- chloro- propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 4UG 08 08 08 08 08 08 19 SEP 04 04	Tri-chloro-ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	1,1-Di-chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro-ethene, water, water, unfltrd ug/L (34501) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloro- propene water unfltrd ug/L (77168)	Tetramethyl- methyl- benzene water unfltrd ug/L (49999) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tetramethyl- methyl- benzene water unfltrd ug/L (50000) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	Tri-chloro-benzene water unfltrd ug/L (77613) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	Tri-chloro-propane water unfltrd ug/L (77443) <.16 <.16 <.16 <.16 <.16 <.16 <.16 <.1	Tri-methyl-benzene water unfltrd ug/L (77221) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri-chloro-benzene water unfltrd ug/L (34551) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0	Dibromo chloro- propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	chloro- benzene water unfltrd ug/L	chloro- ethane, water,	ethane- d4, sur Sch2090 wat unf pct rcv	1,2-Di- chloro- propane water unfltrd ug/L	methyl- benzene water	1,3-Di- chloro- benzene water unfltrd ug/L	1,3-Di- chloro- propane water unfltrd ug/L (77173)	chloro- benzene water	benzene surrog. VOC Sch wat unf pct rcv	chloro- propane water	Chloro- toluene water unfltrd ug/L	toluene water	propene water
DEC													
17 JAN	<.03	<.1	122	<.03	<.04	<.03	<.1	<.05	98.2	<.05	< .04	<.06	<.12
16 FEB	<.03	<.1	107	<.03	<.04	<.03	<.1	<.05	108	<.05	< .04	<.06	<.12
18 MAR	<.03	<.1	102	<.03	<.04	<.03	<.1	<.05	92.4	<.05	< .04	<.06	<.12
18 APR	<.03	<.1	102	<.03	<.04	<.03	<.1	<.05	89.7	<.05	< .04	<.06	<.12
14 MAY	<.03	<.1	121	<.03	<.04	<.03	<.1	<.05	93.9	<.05	< .04	<.06	<.12
14	<.03	< . 1	104	<.03	< . 04	<.03	<.1	<.05	82.5 108	< .05	< .04	<.06	<.12
30	<.03 <.03	<.1 <.1	110 110	<.03	<.04 <.04	<.03 <.03	<.1 <.1	<.05 <.05	105	<.05 <.05	<.04 <.04	<.06 <.06	<.12 <.12
JUN 11	<.03	<.1	112	<.03	<.04	<.03	<.1	<.05	97.0	<.05	< .04	<.06	<.12
11 26	<.03	<.1	128	<.03	<.04	<.03	<.1	<.05	111	<.05	<.04	<.06	<.12
JUL 10	<.03	<.1	114	<.03	<.04	<.03	<.1	<.05	105	<.05	<.04	<.06	<.12
10 AUG	<.03	<.1	115	<.03	<.04	<.03	<.1	<.05	86.2	<.05	< .04	<.06	<.12
08	 <.03	 <.1	114	 <.03	 <.04	 <.03	 <.1	 <.05	 80.1	 <.05	 <.04	 <.06	<.12
08	<.03	<.1	112	<.03	<.04	<.03	<.1	<.05	81.2	<.05	<.04	<.06	<.12
19	<.03	<.1	124	<.03	<.04	<.03	<.1	<.05	76.6	<.05	< .04	<.06	<.12
SEP 04													
04	<.03	<.1	104	<.03	<.04	<.03	<.1	<.05	84.3	<.05	<.04	<.06	<.12
17 17	<.03	<.1 2.2	139 <i>98.2</i>	<.03 .74	<.04 .50	<.03	<.1 1.3	<.05 .48	79.5 <i>95.2</i>	<.05 .74	<.04 .47	<.06 .92	<.12 1.49
17			98.0						107				
	4- Chloro-	4-Iso- propyl-		Acrylo-		Bromo-	Bromo- chloro-	Bromo- di- chloro-	Bromo-	Bromo-	Carbon di-	Chloro-	Chloro-
	Chloro-	propyl-		nitrile	Benzene	benzene	chloro- methane	di- chloro- methane	ethene,	methane	di- sulfide	benzene	ethane,
Date	Chloro- toluene water unfltrd	propyl- toluene water unfltrd	Acetone water unfltrd	nitrile water unfltrd	Benzene water unfltrd	benzene water unfltrd	chloro- methane water unfltrd	di- chloro- methane water unfltrd	ethene, water, unfltrd	methane water unfltrd	di- sulfide water unfltrd	benzene water unfltrd	ethane, water, unfltrd
Date	Chloro- toluene water	propyl- toluene water	Acetone water	nitrile water	Benzene water	benzene water	chloro- methane water	di- chloro- methane water	ethene, water,	methane water	di- sulfide water	benzene water	ethane, water,
DEC	Chloro- toluene water unfltrd ug/L (77277)	propyl- toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	benzene water unfltrd ug/L (81555)	chloro- methane water unfltrd ug/L (77297)	di- chloro- methane water unfltrd ug/L (32101)	ethene, water, unfltrd ug/L (50002)	methane water unfltrd ug/L (34413)	di- sulfide water unfltrd ug/L (77041)	benzene water unfltrd ug/L (34301)	ethane, water, unfltrd ug/L (34311)
DEC 17 JAN	Chloro- toluene water unfltrd ug/L (77277)	propyl- toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	benzene water unfltrd ug/L (81555)	chloro- methane water unfltrd ug/L (77297)	di- chloro- methane water unfltrd ug/L (32101)	ethene, water, unfltrd ug/L (50002)	methane water unfltrd ug/L (34413)	di- sulfide water unfltrd ug/L (77041)	benzene water unfltrd ug/L (34301)	ethane, water, unfltrd ug/L (34311)
DEC 17 JAN 16 FEB	Chloro- toluene water unfltrd ug/L (77277)	propyl- toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030) <.04 <.04	benzene water unfltrd ug/L (81555) <.04 <.04	chloro- methane water unfltrd ug/L (77297) <.12	di- chloro- methane water unfltrd ug/L (32101)	ethene, water, unfltrd ug/L (50002)	methane water unfltrd ug/L (34413) <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07	benzene water unfltrd ug/L (34301) <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1
DEC 17 JAN 16 FEB 18	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04	benzene water unfltrd ug/L (81555) <.04 <.04	chloro- methane water unfltrd ug/L (77297) <.12 <.12 <.12	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05	ethene, water, unfltrd ug/L (50002) <.1 <.1	methane water unfltrd ug/L (34413) <.3 <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1
DEC 17 JAN 16 FEB 18 MAR 18	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 E.01	benzene water unfltrd ug/L (81555) <.04 <.04 <.04	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1
DEC 17 JAN 16 FEB 18 MAR 18	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04	benzene water unfltrd ug/L (81555) <.04 <.04	chloro- methane water unfltrd ug/L (77297) <.12 <.12 <.12	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05	ethene, water, unfltrd ug/L (50002) <.1 <.1	methane water unfltrd ug/L (34413) <.3 <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1
DEC 17 JAN 16 FEB 18 MAR 18	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 E.01	benzene water unfltrd ug/L (81555) <.04 <.04 <.04	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 E1	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030)	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 E.01 <.04 <.04 <.04 <.04	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 14 APR 14 30 30 JUN 11 26 JUL 10	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 E1 <7 <7 <7 F2 E2	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030)	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 AUG	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 E1 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 APR 14 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 11 30 JUN 11 26 JUL 10 10 AUG 08	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 JUN 11 26 JUL 10 10 AUG 08 08	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 < <1 <1 <1 < <1 <1 < <1 < <1 < <1 < <	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 26 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfitrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 19 SEP 04 04	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11 11 26 JUL 10 AUG 08 08 08 08 08 08 19 SEP 04 04	Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	propyl-toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	Acetone water unfltrd ug/L (81552) <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	nitrile water unfltrd ug/L (34215) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Benzene water unfltrd ug/L (34030) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	benzene water unfltrd ug/L (81555) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0	chloromethane water unfltrd ug/L (77297) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.1	di- chloro- methane water unfltrd ug/L (32101) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0	ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.	methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07	benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0	ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

Date	methane water unfltrd ug/L	chloro- ethene, water, unfltrd ug/L	chloro- propene water	Di- bromo- chloro- methane water unfltrd ug/L (32105)	bromo- methane water	fluoro- methane wat unf ug/L	chloro- methane water unfltrd ug/L	water, unfltrd ug/L	<pre>propyl ether, water,</pre>	rylate, water, unfltrd ug/L	methyl ketone, water,	ug/L	diene, water,
DEC													
17 JAN	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
16 FEB	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
18	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
MAR 18 APR	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
14 MAY	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
14	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
30 30	<.2 <.2	<.04 <.04	<.09 <.09	<.2 <.2	<.05 <.05	<.18 <.18	<.2 <.2	<.2 <.2	<.10 <.10	<.2 <.2	<5.0 <5.0	<.03 <.03	<.1 <.1
JUN	1.2	V.01	1.05	1.2	1.05	V.10	1.2	1.2	7.10	1.2	٧3.0	1.03	
11	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
11 26	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
JUL 10	<.2	<.04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
10	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
AUG 08													
08	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
08													
08 19	<.2 <.2	<.04	<.09 <.09	<.2 <.2	<.05 <.05	<.18 <.18	<.2 <.2	<.2 <.2	<.10 <.10	<.2 <.2	<5.0 <5.0	<.03	<.1 <.1
SEP	1.2	V.01	1.05	1.2	1.05	V.10	1.2	1.2	7.10	1.2	٧٥.٠	1.03	· · ·
04													
04	<.2	<.04	<.09	<.2	 <.05	<.18	<.2	<.2	<.10	<.2	 <5.0	<.03	<.1
17	<.2	< .04	<.09	<.2	<.05	<.18	<.2	<.2	<.10	<.2	<5.0	<.03	<.1
17	E2.6	.53	.89	1.9	.55	E3.92	1.8	1.7	1.03	3.0	42.8	.51	1.2
17									2.60				
Date	water,	methane water	ketone, water, unfltrd ug/L	Iso- propyl- benzene water unfltrd ug/L (77223)	nitrile water	acryl- ate, water, unfltrd ug/L	rylate, water, unfltrd ug/L	pentyl ether, water, unfltrd ug/L	meta- + para- Xylene, water,	alene, water, unfltrd ug/L	ketone, water, unfltrd ug/L	n-Butyl benzene water unfltrd ug/L	benzene water unfltrd ug/L
DEC	chloro- ethane, water, unfltrd ug/L	methane water unfltrd ug/L (77424)	butyl methyl ketone, water, unfltrd ug/L	propyl- benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593)	acryl- ate, water, unfltrd ug/L (49991)	methac- rylate, water, unfltrd ug/L (81597)	tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	Naphth- alene, water, unfltrd ug/L (34696)	n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	propyl- benzene water unfltrd ug/L (77224)
DEC 17 JAN	chloro- ethane, water, unfltrd ug/L (34396)	methane water unfltrd ug/L (77424)	butyl methyl ketone, water, unfltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593)	acryl- ate, water, unfltrd ug/L (49991)	methac- rylate, water, unfltrd ug/L (81597)	tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	Naphth- alene, water, unfltrd ug/L (34696)	n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	propyl- benzene water unfltrd ug/L (77224)
DEC 17	chloro- ethane, water, unfltrd ug/L (34396)	methane water unfltrd ug/L (77424)	butyl methyl ketone, water, unfltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593)	acryl- ate, water, unfltrd ug/L (49991)	methac- rylate, water, unfltrd ug/L (81597)	tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	Naphth- alene, water, unfltrd ug/L (34696)	n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	propyl- benzene water unfltrd ug/L (77224)
DEC 17 JAN 16	chloro- ethane, water, unfltrd ug/L (34396)	methane water unfltrd ug/L (77424) <.35	butyl methyl ketone, water, unfltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593)	acryl- ate, water, unfltrd ug/L (49991)	methac- rylate, water, unfltrd ug/L (81597)	tert- pentyl ether, water, unfltrd ug/L (50005) <.08	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5	n-butyl ketone, water, unfltrd (77103)	n-Butyl benzene water unfltrd ug/L (77342)	propyl- benzene water unfltrd ug/L (77224)
DEC 17 JAN 16 FEB 18 MAR 18	chloro- ethane, water, unfltrd ug/L (34396)	methane water unfltrd ug/L (77424) <.35	butyl methyl ketone, water, unfltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593)	acryl- ate, water, unfltrd ug/L (49991)	methac- rylate, water, unfltrd ug/L (81597)	tert- pentyl ether, water, unfltrd ug/L (50005) <.08	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5	n-butyl ketone, water, unfltrd (77103)	n-Butyl benzene water unfltrd ug/L (77342)	propyl- benzene water unfltrd ug/L (77224) <.04
DEC 17 JAN 16 FEB 18	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2	methane water unfltrd ug/L (77424) <.35 <.35	butyl methyl ketone, water, unfiltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223) <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0	methac- rylate, water, unfltrd ug/L (81597) <.3 <.3	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5	n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2	propyl- benzene water unfltrd ug/L (77224) <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4	propyl- benzene water unfltrd ug/L (77223) <.06 <.06 <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6	acryl- ate, water, unfilrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0	methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2	propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133)	propyl- benzene water unfltrd ug/L (77223) <.06 <.06 <.06 <.06 <.06 <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0	methac- rylate, water, unfilrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, unfilrd ug/L (77103) <.7 <.7 <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2	propyl-benzene water unfltrd ug/L (77224)
DEC 17 JAN 16 FEB 18 MAR 18 APR 14	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4	propyl- benzene water unfltrd ug/L (77223) <.06 <.06 <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6	acryl- ate, water, unfilrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0	methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2	propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 APR 14 30 30 JUN 11	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl- benzene water unfltrd ug/L (77223) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac- rylate, water, unfilrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, unfilrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 <
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 JUN 11	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl- benzene water unfltrd ug/L (77223) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	propyl-benzene water unfltrd ug/L (77224)
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfilrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac- rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphthalene, water, unfiltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342)	propyl-benzene water unfltrd ug/L (77224)
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 MAY 14 30 30 JUN 11 26 JUL 10 AUG	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfiltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfilrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfiltrd ug/L (77342)	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .05 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 26 JUL 10 10 AUG 08	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.35	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfiltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphthalene, water, unfilted ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424)	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfitrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 AUG 08 08 08 08 08 08	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfitrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, wafitrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfiltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .004 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .000 < .
DEC 17 JAN 16 FEB 18 MAR 18 APR 14 30 30 JUN 11 11 26 JUL 10 10 AUG 08 08 08 08 08 08 08 09 19 SEP 04 04	chloro- ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphthalene, water, unfiltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 APR 14 MAY 14 30 JUN 11 26 JUL 10 10 AUG 08 08 08 08 08 19 SEP 04 04 04	chloro-ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfiltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfitrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphth- alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0
DEC 17 JAN 16 FEB 18 APR 14 APR 14 30 30 JUN 11 26 JUL 10 10 4UG 08 08 08 08 08 08 19 SEP 04 04	chloro-ethane, water, unfltrd ug/L (34396) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	methane water unfltrd ug/L (77424) <.35 <.35 <.35 <.35 <.35 <.35 <.35 <.3	butyl methyl ketone, water, unfltrd ug/L (78133) <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.4 <.	propyl-benzene water unfltrd ug/L (77223)	acrylo- nitrile water unfltrd ug/L (81593) <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.6 <.	acryl- ate, water, unfltrd ug/L (49991) <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.	methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.	tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0	meta- + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06	Naphthalene, water, unfiltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.	n-butyl ketone, water, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.	n-Butyl benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.	propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0

10347699 TRUCKEE RIVER AT CHALK BLUFF TREATMENT PLANT INTAKE NEAR RENO, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Dec
18.
Fig. 1
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May
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MAY 14
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AUG 08 08 <.7 <.10 <.04 <.09 <.02 <.1 <.01
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00 -7 -10 -04 -00 -02 -1 -01
08 <.7 <.10 <.04 <.09 <.02 <.1 <.01 19 <.7 <.10 <.04 <.09 <.02 <.1 <.01
SEP 04
04
$04\dots$ <.7 <.10 <.04 <.09 <.02 <.1 <.01 17 <.7 <.10 <.04 <.09 <.02 <.1 <.01 17 9.2 2.00 .49 1.85 .53 1.1

Remark codes used in this report:<, Less than; E, Estimated value; M , Presence

verified, not quantified ^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

10348000 TRUCKEE RIVER AT RENO, NV

LOCATION.--Lat $39^{\circ}31'49''$, long $119^{\circ}47'41''$, in SW $^{1}/_{4}$ NE $^{1}/_{4}$ sec.12, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank, adjacent to Scott Island, 700 ft downstream from Kirman Avenue bridge, 0.4 mi upstream from Kietzke Lane bridge, 5.4 mi upstream from Steamboat Creek, and at mi 59.52 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,067 mi², approximately.

PERIOD OF RECORD.--July 1906 to September 1921, June 1925 to September 1926, January 1930 to December 1934, January to December 1943, January 1946 to current year.

REVISED RECORDS .-- WDR NV-97-1: 1996.

GAGE.--Water-stage recorder. Datum of gage is 4,444.53 ft above NGVD of 1929. July 1906 to September 1946, staff gages at sites 0.5 mi to 1.0 mi upstream at different datums. January 1946 to July 1999 at site 0.5 mi downstream, at datum 12.56 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several power plants. Many diversions above station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,800 ft³/ s, December 23, 1955, gage height, 13.63 ft; maximum gage height 14.94 ft, January 2, 1997; no flow September 12, 14-24, 26-30, 1926.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,500 ft³/s, May 30, gage height, 6.36 ft; minimum daily, 82 ft³/s, December 9.

		DISC	HARGE, CU	BIC FEET P	ER SECOND,	WATER Y Y MEAN V		2002 TO	SEPTEMBER	2003	,	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	320	314	e155	277	494	254	929	766	1100	421	295	281
2	291	276	e150	302	510	258	878	849	1020	404	314	273
3	298	281	e140	309	458	250	825	862	938	415	313	263
4	291	282	e130	291	388	245	852	885	865	409	289	283
5	291	285	e90	286	352	250	854	808	856	403	265	293
6	279	292	e90	285	318	256	844	739	774	415	269	285
7	291	336	90	289	294	255	814	639	761	418	265	267
8	298	497	87	264	282	245	782	636	730	404	265	259
9	302	525	82	285	273	246	785	616	705	411	270	281
10	344	314	83	292	261	248	798	609	677	416	281	300
11	342	327	88	294	252	261	817	602	630	414	272	309
12	349	307	86	285	242	254	867	609	563	406	264	322
13	343	339	87	270	257	261	963	615	518	401	267	323
14	345	379	290	283	277	322	890	726	490	392	274	318
15	361	389	380	269	281	456	860	884	455	364	270	324
16	355	376	393	258	292	506	807	868	435	367	272	302
17	358	333	226	257	285	417	778	799	445	384	264	305
18	349	322	279	257	263	374	759	798	450	416	289	312
19	353	313	241	263	254	341	644	797	427	407	282	309
20	355	296	222	263	252	306	638	824	383	409	269	306
21	376	308	322	260	252	307	639	908	352	436	303	314
22	369	308	338	274	248	324	643	1000	326	406	359	318
23	371	304	368	364	256	461	541	1150	329	399	284	321
24	365	296	357	577	249	586	502	1220	339	424	286	325
25	369	289	360	479	256	639	539	1250	286	400	275	339
26	359	284	354	452	242	818	578	1130	288	394	269	386
27	361	286	279	449	253	1020	579	1070	305	395	275	386
28	368	232	371	602	248	845	560	1200	331	392	260	393
29	360	199	336	552		772	678	1260	329	337	273	390
3 0	354	e150	294	484		798	751	1320	435	273	281	389
31	343		308	470		828		1200		271	274	
TOTAL	10510	9439	7076	10542	8289	13403	22394	27639	16542	12203	8688	9476
MEAN	339	315	228	340	296	432	746	892	551	394	280	316
MAX	376	525	393	602	510	1020	963	1320	1100	436	359	393
MIN	279	150	82	257	242	245	502	602	286	271	260	259
AC-FT	20850	18720	14040	20910	16440	26580	44420	54820	32810	24200	17230	18800
STATIST	rics of M	ONTHLY MEA	AN DATA I	FOR WATER	YEARS 1907	- 2003	, BY WATER	R YEAR (W	Y)			
MEAN	282	417	559	665	735	896	1226	1502	1056	432	258	255
MAX	977	2513	3638	6177	3336	4448	4138	5679	4883	2500	1261	1302
(WY)	1908	1984	1984	1997	1997	1986	1907	1952	1983	1983	1907	1983
MIN	27.7	36.1	53.9	64.9	85.5	127	198	95.4	44.7	16.0	10.4	5.03
(WY)	1993	1933	1933	1933	1933	1933	1977	1934	1931	1931	1931	1926
SUMMAR	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003 V	WATER YEA	R	WATER YEA	RS 1907 -	2003
ANNUAL	TOTAL			157117			156201					
ANNUAL	MEAN			430			428			692		
HIGHEST	r annual i	MEAN								2350		1983
	ANNUAL M									106		1931
HIGHES	r DAILY M	EAN		1360	Apr 15		1320	May 3	0	16200	Dec 23	1955
LOWEST	DAILY ME	AN		82			82				0 Sep 12	
		MINIMUM		86	Dec 7		86				0 Sep 14	
	M PEAK FL						1500	-		20800		
	M PEAK ST							36 May 3	0		4 Jan 2	: 1997
	RUNOFF (311600			309800			501500		
	CENT EXCE			895			817			1690		
	CENT EXCE			332			338			382		
90 PER	CENT EXCE	EDS		201			254			122		

e Estimated

10348200 TRUCKEE RIVER NEAR SPARKS, NV

LOCATION.—Lat $39^{\circ}31'11"$, $\log 119^{\circ}44'27"$, in NW $^{1}/_{4}$ NE $^{1}/_{4}$ sec. 16, T. 19 N., R. 20 E., Washoe County, Hydrologic Unit 16050102, on left bank, 400 ft upstream from McCarran Boulevard bridge, 1 mi south of Southern Pacific Railroad in Sparks, 2.5 mi upstream from Steamboat Creek, and at mi 56.15 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,070 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,382.41 ft above NGVD of 1929 (U.S. Army Corps of Engineers benchmark).

REMARKS.--Records good. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several powerplants. Many diversions above station. See schematic diagram of Pyramid and Winnemucca Lakes Basin

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 18,000 ft³/s (comparison with upstream and downstream stations), January 2, 1997, recorded gage height, 17.06 ft (flow overbank and around gage); no flow many days August, September, and October 1992. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,450 ft³/s, May 30, gage height, 6.87 ft; minimum daily, 78 ft³/s, December 9, 10.

EATKEN	IES FOR C	UKKENI I	EAKWa	XIIIIuiii uisc	naige, 1,450	11 /S, IVI	ly 50, gage ii	leight, 0.67	it, iiiiiiiiiiiiii	ii daiiy, 76 it	78, Deceiii	Del 9, 10.
		DISC	HARGE, CUI	BIC FEET P	ER SECOND, DAILY	WATER Y MEAN V		R 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	281	325	153	286	530	270	937	704	1030	390	265	231
2	258	277	148	312	552	277	876	783	959	364	307	225
3	265	281	140	321	493	267	821	809	882	372	284	214
4	260	281	135	302	417	261	842	837	807	369	258	231
5	260	285	118	295	377	267	850	748	803	361	233	249
6	247	290	8 9	294	339	272	837	663	721	375	235	240
7	260	343	87	300	316	273	807	559	712	380	231	220
8	267	548	84	271	305	259	761	551	726	363	227	214
9	268	e525	78	294	292	259	763	535	698	361	229	237
10	314	e315	78	301	281	259	773	530	668	372	242	250
11	309	334	84	302	271	274	793	515	619	e365	233	258
12	317	312	81	295	260	266	854	517	541	e365	225	268
13	311	344	82	279	275	273	971	520	488	e360	225	e272
14	312	386	272	293	295	334	882	620	457	360	229	e272
15	329	396	417	279	301	472	849	794	422	320	228	273
13		330	417		301						220	
16	329	386	451	267	315	553	787	784	401	322	e230	254
17	336	339	242	263	307	446	753	711	411	334	216	253
18	327	326	293	265	284	397	736	715	418	366	244	260
19	332	317	258	274	272	363	607	702	395	361	241	260
20	335	299	232	275	270	323	598	737	347	361	e240	257
21	358	311	328	272	269	324	598	822	320	406	e270	265
22	357	310	347	286	264	338	602	929	292	361	e300	275
23	357	307	381	368	272	481	500	1090	309	351	246	277
24	351	299	370	619	265	619	447	1160	311	387	246	282
25	356	291	383	517	272	644	479	1200	251	358	232	298
26	346	286	373	483	260	786	524	1080	249	360	224	343
27	349	288	291	476	270	1040	525	1000	266	360	232	344
28	359	232	382	650	266	840	503	1140	288	360	215	352
29	353	201	352	602		763	623	1190	285	322	227	352
30	355	159	303	523		781	697	1250	401	241	232	352
31	349		327	505		814		1140		237	226	
TOTAL	9807	9593	7359	11069	8890	13795	21595	25335	15477	10964	7472	8078
MEAN	316	320	237	357	318	445	720	817	516	354	241	269
MAX	359	548	451	650	552	1040	971	1250	1030	406	307	352
MIN	247	159	78	263	260	259	447	515	249	237	215	214
AC-FT	19450	19030	14600	21960	17630	27360	42830	50250	30700	21750	14820	16020
STATIST	rics of Mo	ONTHLY MEA	AN DATA F	OR WATER	YEARS 1977	- 2003	B, BY WATE	R YEAR (W	IY)			
							•					0.5.6
MEAN	251	433	609	744	849	1052	1146	1500	998	429	235	259
MAX	728	2573	3716	6500	3342	4590	3104	3965	5039	2586	802	1199
(WY)	1983	1984	1984	1997	1997	1986	1983	1982	1983	1983	1983	1983
MIN	2.53	33.9	54.2	71.6	66.4	218	225	132	30.7	27.6	0.27	0.000
(WY)	1995	1991	1991	1991	1991	1992	1992	1992	1992	1992	1994	1994
SUMMARY	Y STATIST	ICS	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER YEA	AR	WATER YEA	RS 1977	- 2003
ANNUAL				149824			149434					
ANNUAL				410			409			717		
HIGHEST	r annual i	MEAN								2373		1983
LOWEST	ANNUAL M	EAN								88.7		1992
HIGHEST	r DAILY M	EAN		1550	Apr 15		1250	May 3	3 0		Jan	
LOWEST	DAILY ME	AN		78	Dec 9		78	Dec	9	0.0	0 Aug 1	3 1992
ANNUAL	SEVEN-DA	Y MINIMUM		82	Dec 7		82			0.0	0 Sep	4 1992
	M PEAK FLO						1450			18000		2 1997
MAXIMUN	M PEAK STA	AGE					6.	87 May 3			6 Jan	
	RUNOFF (2			297200			296400	- 2		519300		
	CENT EXCE			906			785			1960		
	CENT EXCE			300			325			339		
	CENT EXCE			158			232			87		
20 1110				100			2,72			0,		

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN 10348200 TRUCKEE RIVER AT SPARKS, NV--Continued WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to September 1995; October 2000 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: August 1993 to September 1995; October 2000 to current year.

WATER TEMPERATURE: June 1988 to September 1995; October 2000 to current year.

INSTRUMENTATION.--Specific-conductance recorder from August 1993 to September 1995, four times per hour; October 2000 to April 2001, hourly; May 2001 to current year, four times per hour. Temperature recorder from June 1988 to July 1993, hourly; August 1993 to September 1995, four times per hour; October 2000 to April 2001, hourly; May 2001 to current year, four times per hour.

REMARKS.--Records represent water temperature at probe within 0.5°C. Interruptions in the record were due to instrument malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum recorded, 687 microsiemens/cm at 25°C, January 5, 1995; minimum recorded, 70 microsiemens/cm at 25°C, June 17, 1995.

WATER TEMPERATURE: Maximum, 30.5°C, August 12, 1991; minimum, freezing point on many days during winter months of most years. EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 290 microsiemens/cm at 25°C, December 20; minimum recorded, 77 microsiemens/cm at 25°C, June 8.

WATER TEMPERATURE: Maximum recorded, 26.5°C, July 30; minimum, freezing point December 18-20, 24, 25, February 5-10.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY MAX MIN MAX MIN MEAN MIN MEAN MAX MIN MEAN OCTOBER NOVEMBER DECEMBER JANUARY ___ ---___ ---___ ---_ _ _ ---------_ _ _ ------------------------_ _ _ _ _ _ _ _ _ ------------------3.0 ------------MONTH

10348200 TRUCKEE RIVER AT SPARKS, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY	•		MARCH			APRIL			MAY	
1	115	101	109				109	104	106	160	151	155
2	109	100	104				121	104	114	169	160	165
3	111	101	105				124	121	122	176	169	172
4	115	104	109				128	124	127	176	156	168
5	117	108	113				134	128	131	158	155	156
6	124	111	117				138	134	136	160	157	159
7	126	114	122				144	138	141	164	157	161
8	134	126	131				151	143	146	168	164	167
9	131	122	127				160	151	155	170	167	168
10	128	123	126				168	160	163	168	166	167
11	134	126	132				179	168	173	169	168	168
12	143	134	139				182	171	177	171	169	170
13	149	143	146				180	173	177	175	171	173
14	156	148	153				181	170	175	180	175	177
15	155	116	151				171	165	169	184	180	182
16	122	101	109				165	162	164			
17	144	122	135				162	158	160			
18	149	142	146				158	154	156			
19	152	147	150				159	156	157			
20	154	151	153				159	157	158	113	95	102
21	157	151	154				160	158	159	114	96	104
22	166	152	160				161	159	160	120	96	106
23	183	166	177				159	156	158			
24							160	158	159			
25							162	160	161			
26							163	160	162			
27							163	162	162			
28				110	100	106	164	157	161			
29				116	108	112	157	152	155			
30				117	108	112	153	150	152			
31				114	107	111						
MONTH							182	104	153			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN SEPTEMBE	
		JUNE			JULY		1	AUGUST			SEPTEMBE	R
1		JUNE		101	JULY 95	97		AUGUST		120	SEPTEMBE	R 118
1 2		JUNE		101 105	JULY 95 98	97 101	1	AUGUST 		120 122	SEPTEMBE 114 117	118 119
1		JUNE		101	JULY 95	97	 	AUGUST		120	SEPTEMBE	R 118
1 2 3		JUNE 		101 105 109	JULY 95 98 98	97 101 103	 	AUGUST		120 122 123	SEPTEMBE 114 117 118	118 119 120
1 2 3 4 5		JUNE		101 105 109 105 108	JULY 95 98 98 100 100	97 101 103 102 104	 	AUGUST		120 122 123 122 132	SEPTEMBE 114 117 118 119 116	118 119 120 120 121
1 2 3 4 5		JUNE 		101 105 109 105 108	JULY 95 98 98 100 100	97 101 103 102 104	 	AUGUST		120 122 123 122 132	114 117 118 119 116	118 119 120 120 121
1 2 3 4 5		JUNE		101 105 109 105 108	JULY 95 98 98 100 100	97 101 103 102 104 105 116	 	AUGUST		120 122 123 122 132	114 117 118 119 116 117 116	118 119 120 120 121 119
1 2 3 4 5		JUNE		101 105 109 105 108	JULY 95 98 98 100 100 101 103	97 101 103 102 104	 	AUGUST		120 122 123 122 132	114 117 118 119 116	118 119 120 120 121
1 2 3 4 5	 82	JUNE 77	 79	101 105 109 105 108 109 134 157	JULY 95 98 98 100 100 101 103 134	97 101 103 102 104 105 116 150		AUGUST		120 122 123 122 132 120 121 122	114 117 118 119 116 117 116 117	118 119 120 120 121 119 119 120
1 2 3 4 5 6 7 8 9	 82 85 89	JUNE 77 79 85	 79 81 86	101 105 109 105 108 109 134 157	JULY 95 98 98 100 100 101 103 134 130	97 101 103 102 104 105 116 150	 123	AUGUST	 122	120 122 123 122 132 120 121 122 122 122	114 117 118 119 116 117 116 117 114 112	118 119 120 120 121 119 119 120 119 120
1 2 3 4 5 6 7 8 9 10	 82 85 89	JUNE 77 79 85	 79 81 86	101 105 109 105 108 109 134 157 180	JULY 95 98 98 100 100 101 103 134 130	97 101 103 102 104 105 116 150 145	 123 124	AUGUST	 122 122	120 122 123 122 132 120 121 122 122 116	SEPTEMBE 114 117 118 119 116 117 116 117 114 112	118 119 120 120 121 119 119 120 119 115
1 2 3 4 5 6 7 8 9	 82 85 89	JUNE 77 79 85	 79 81 86	101 105 109 105 108 109 134 157	JULY 95 98 98 100 100 101 103 134 130	97 101 103 102 104 105 116 150	 123	AUGUST	 122	120 122 123 122 132 120 121 122 122 122	114 117 118 119 116 117 116 117 114 112	118 119 120 120 121 119 119 120 119
1 2 3 4 5 6 7 8 9 10	 82 85 89 89	JUNE 77 79 85 80 83	 79 81 86	101 105 109 105 108 109 134 157 180	JULY 95 98 98 100 100 101 103 134 130 131	97 101 103 102 104 105 116 150 145	123 124 124	AUGUST	 122 122 122	120 122 123 122 132 120 121 122 122 116	114 117 118 119 116 117 116 117 114 112	118 119 120 120 121 119 119 119 115
1 2 3 4 5 6 7 8 9 10	 82 85 89 89 88	JUNE 77 79 85 80 83 82	 79 81 86 84 85	101 105 109 105 108 109 134 157 180	95 98 98 100 100 101 103 134 130 131 114	97 101 103 102 104 105 116 150 145 144 123 117	123 124 125 125	AUGUST 121 120 120 122 120	 122 122 122 123 123	120 122 123 132 120 121 122 122 116 114 114	114 117 118 119 116 117 116 117 114 112 111 106 108	118 119 120 120 121 119 119 119 115 113 111 110
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 82 85 89 89 88 88 86 91	JUNE 77 79 85 80 83 82 82 82 86	 79 81 86 84 85 84 85	101 105 109 105 108 109 134 157 180 155 132 122 124	95 98 98 100 100 101 103 134 130 131 114 109 111	97 101 103 102 104 105 116 150 145 144 123 117 115	123 124 125 125 124 122	AUGUST 121 120 120 122 120 118 118	 122 122 123 123 123 122	120 122 123 122 132 120 121 122 122 116 114 114 112 111	114 117 118 119 116 117 116 117 116 117 114 112 111 106 108 108	118 119 120 121 119 120 121 119 120 119 115 113 111 110 110
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	 82 85 89 89 88 88 86 91	JUNE 77 79 85 80 83 82 82 82 86	 79 81 86 84 85 84 85 88	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111	97 101 103 102 104 105 116 150 145 144 123 117 115 117	124 125 124 122	AUGUST 121 120 122 120 118 118	 122 122 122 123 123 123 122 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111	114 117 118 119 116 117 116 117 114 111 106 108 108 110	118 119 120 121 119 120 119 120 119 115 113 111 110 110
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	 82 85 89 89 88 88 86 91	JUNE 77 79 85 80 83 82 82 82 86	 79 81 86 84 85 84 85	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114	97 101 103 102 104 105 116 150 145 144 123 117 115 117	124 125 124 122 122	AUGUST 121 120 120 122 120 118 118 117 118	 122 122 122 123 123 122 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111 114	114 117 118 119 116 117 116 117 114 112 111 106 108 110	118 119 120 120 121 119 119 120 119 115 113 111 110 112
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	 82 85 89 88 88 88 86 91	JUNE 77 79 85 80 83 82 86 88 88	 79 81 86 84 85 84 85 88	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111	97 101 103 102 104 105 116 150 145 144 123 117 115 117	124 125 124 122	AUGUST 121 120 122 120 118 118 117 118	 122 122 122 123 123 123 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111	114 117 118 119 116 117 116 117 116 117 114 112 111 106 108 108	118 119 120 120 121 119 119 120 119 115 113 111 110 110 112
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	 82 85 89 89 88 88 88 91	JUNE 77 79 85 80 83 82 2 82 86 88 87	 79 81 86 84 85 84 85 88	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 119 111 111 111	97 101 103 102 104 105 116 150 145 144 123 117 115 117	123 124 125 125 124 122 122 123	AUGUST 121 120 120 122 120 118 118 117 118	 122 122 122 123 123 122 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111 111 114	114 117 118 119 116 117 116 117 114 112 111 106 108 110	118 119 120 120 121 119 119 120 119 115 113 111 110 112
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	 82 85 89 88 88 86 91 93 94 90 96	JUNE 77 79 85 80 83 82 82 86 88 88 88 88 88 89 94	 79 81 86 84 85 84 85 88 90 88 89	101 105 109 108 109 134 157 180 155 132 122 124 123 120 136 154 148	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 117 122 127	124 125 125 124 122 122 123 130	AUGUST 121 120 122 120 118 118 117 118 116 116 118 113	122 122 123 123 123 122 120 120 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111 114 113 115 112 112 113	114 117 118 119 116 117 116 117 114 112 111 106 108 108 110 110 110 110 110 110 110 110	118 119 120 121 119 129 120 119 120 119 120 111 115 111 110 110 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	82 85 89 89 88 88 86 91 93 94 89 90	JUNE 77 79 85 80 83 82 82 86 88 87 86 88 87 86	 79 81 86 84 85 88 89 90 88 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123 120 136 154 148	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 125 125 124 122 122 123 130 154	AUGUST 121 120 122 120 118 118 117 118 116 118 1116 118	122 122 122 123 123 123 122 120 120 121 120 119 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111 114 113 115 112 112 113	114 117 118 119 116 117 116 117 114 111 106 108 108 110 110 110 110 109 110	118 119 120 121 119 120 119 120 119 115 113 111 110 112 112 112 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 82 85 89 88 88 86 91 93 94 89 90 96	JUNE 77 79 85 80 83 82 82 86 88 87 66 88 87 86	 79 81 86 84 85 88 89 90 88 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 124 125 124 122 122 123 122 123 124 125 124 125 124 125 124 125 124 125 124 125 124 125 124 125 124 125 124 125 126 127 128 128 128 128 128 128 128 128 128 128	AUGUST 121 120 120 122 120 118 118 117 118 116 116 118 113 114 118	122 122 122 122 123 123 122 120 120 121 120 121 120	120 122 123 122 132 120 121 122 126 121 122 116 114 114 113 115 112 111 114 113 115 112 111 114 116	\$\$EPTEMBE\$ 114 117 118 119 116 117 114 112 111 106 108 108 110 110 108 109 110 108 109 110	118 119 120 120 121 119 129 119 115 113 111 110 110 112 112 112 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	82 85 89 89 88 88 86 91 93 94 89 90	JUNE 77 79 85 80 83 82 82 86 88 87 86 88 87 86	 79 81 86 84 85 88 89 90 88 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123 120 136 154 148	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 125 125 124 122 122 123 130 154	AUGUST 121 120 122 120 118 118 117 118 116 118 1116 118	122 122 122 123 123 123 122 120 120 121 120 119 120	120 122 123 122 132 120 121 122 122 116 114 114 112 111 114 113 115 112 112 113	114 117 118 119 116 117 116 117 114 111 106 108 108 110 110 110 110 109 110	118 119 120 121 119 120 119 120 119 115 113 111 110 112 112 112 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	82 85 89 88 88 88 86 91 93 94 89 90 96	JUNE 77 79 85 80 83 82 82 86 88 88 87 86 88 89 94	 79 81 86 84 85 88 89 90 88 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123 120 136 154 148 	JULY 95 98 98 100 100 101 103 134 130 131 114 119 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 125 125 122 122 123 124 124 125 125 124 122 123 122 123 130 154 124 125	AUGUST 121 120 120 122 120 118 118 117 118 116 116 118 113 114 118 120 119	122 122 122 122 123 123 123 122 120 120 121 120 121 120 121 120	120 122 123 122 132 120 121 122 121 122 116 114 114 113 115 112 113 115 112 113 116 117 116	114 117 118 119 116 117 116 117 114 112 111 100 108 108 110 110 110 109 110	118 119 120 121 119 120 119 120 119 115 113 111 110 110 112 112 112 111 111 111 111
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	 82 85 89 88 88 86 91 93 94 89 90 96	JUNE 77 79 85 80 83 82 86 88 87 86 88 87 86 88	 79 81 86 84 85 84 85 88 90 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 119 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117	124 124 125 125 122 122 123 122 123 124 125 125 126	120 122 120 122 120 121 120 121 120 121 120 121 120 121 121	122 122 122 122 122 123 123 123 120 120 120 121 120 121 120 121 120	120 122 123 122 132 120 121 122 122 116 114 114 113 115 112 113 115 112 111 114 116 117 116	\$\text{SEPTEMBE}\$ \[\begin{align*} 114 & 117 \\ 118 & 119 \\ 116 & 117 \\ 116 & 117 \\ 116 & 117 \\ 111 & 106 \\ 107 & 110 \\ 108 & 100 \\ 100 & 108 \\ 100 & 100 \\ 110 & 108 \\ 100 & 100 \\ 110 & 108 \\ 100 & 110 \\ 110 & 108 \\ 100 & 110 \\ 110 & 108 \\ 100 & 110 \\ 110 & 108 \\ 110 & 109 \\ 110 & 113 \\ 112 \\ 107 \end{align*}	118 119 120 120 121 119 119 120 119 115 113 111 110 112 112 112 111 111 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	 82 85 89 88 88 86 91 93 94 99 90	JUNE 77 79 85 80 83 82 82 86 88 88 87 86 88 94	 79 81 86 84 85 88 89 90 88 89 91	101 105 109 108 109 134 157 180 155 132 122 124 123 120 136 154 148 	JULY 95 98 98 98 100 100 101 103 134 130 131 114 119 111 111 114 117	97 101 103 102 104 105 116 150 145 144 123 117 115 117 117	124 124 125 122 123 124 124 125 125 124 125 125 124 125 125 124 122 123 123 124 125 125 125 125 126 125	AUGUST 121 120 122 120 118 118 117 118 117 118 117 118 119 119 119	122 122 122 123 123 123 120 120 120 121 120 121 120 121 120 121 120 121 122 123	120 122 123 132 120 121 122 122 116 114 114 112 111 114 113 115 112 112 113 115 112 111 116 117 116	114 117 118 119 116 117 116 117 116 117 114 112 111 106 108 108 110 110 110 110 110 110 110 110	118 119 120 121 119 120 121 119 120 119 120 115 115 111 110 110 111 111 111 111 11
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	 82 85 89 88 88 86 91 93 94 89 90 96	JUNE 77 79 85 80 83 82 86 88 87 86 88 87 86 88	 79 81 86 84 85 84 85 88 90 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123	JULY 95 98 98 100 100 101 103 134 130 131 114 119 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117	124 124 125 125 124 122 122 123 130 154 124 126 125 126 126	AUGUST 121 120 122 120 118 118 117 118 116 118 117 118 1116 118 119 119 119	122 122 122 122 123 123 123 122 120 120 121 120 121 120 121 120 121 122 123	120 122 123 122 132 120 121 122 122 116 114 114 113 115 112 113 115 112 113 115 1112 1116 117 116 117 116 115 109 108	114 117 118 119 116 117 116 117 114 111 106 108 108 110 110 110 108 109 110	118 119 120 121 119 120 119 115 113 111 110 110 112 112 112 111 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	 82 85 89 88 88 86 91 93 94 99 90	JUNE 77 79 85 80 83 82 82 86 88 88 87 86 88 89 94 101	 79 81 86 84 85 88 89 90 88 88 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123 120 136 154 148 	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 124 125 122 123 124 124 125 125 124 125 125 124 125 125 124 122 123 123 124 125 125 125 125 126 125	AUGUST 121 120 122 120 118 118 117 118 117 118 117 118 119 119 119	122 122 122 123 123 123 120 120 120 121 120 121 120 121 120 121 120 121 122 123	120 122 123 132 120 121 122 122 116 114 114 112 111 114 113 115 112 112 113 115 112 111 116 117 116	114 117 118 119 116 117 116 117 116 117 114 112 111 106 108 108 110 110 110 110 110 110 110 110	118 119 120 121 119 120 121 119 120 119 120 1115 113 111 110 110 111 111 111 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	 82 85 89 88 88 86 91 93 94 89 90 96	JUNE 77 79 85 80 83 82 82 86 88 87 86 88 87 86 80 81 81 81 82 82 86 88 87 86 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88 87 86 88 88	 79 81 86 84 85 88 89 90 88 89 91	101 105 109 105 108 109 134 157 180 155 132 122 124 123 120 136 154 148 	JULY 95 98 98 100 100 101 103 134 130 131 114 109 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 122 127	124 124 125 125 122 122 123 122 122 123 124 125 125 126 126 125	AUGUST 121 120 120 122 120 118 118 116 116 118 117 118 119 119 119 119 119	122 122 122 122 122 122 120 120 121 120 121 120 121 120 121 123 123 123 123 123 123 123	120 122 123 122 132 120 121 122 126 127 128 116 114 114 113 115 112 113 115 112 114 116 117 116 117 116 117 116 117 116 117 116 117 116 117 118	SEPTEMBE 114 117 118 119 116 117 114 112 111 106 108 108 110 110 108 109 110 108 109 110 113 112 107 105 104 104	118 119 120 121 119 120 119 115 113 111 110 110 111 111 111 111 111 111
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	 82 85 89 88 88 86 91 93 94 99 96	JUNE 77 79 85 80 83 82 86 88 87 86 88 87 86 88 94 101 100 94	 79 81 86 84 85 84 85 88 99 90 88 88 91	101 105 109 108 109 134 157 180 155 132 122 124 123 120 136 154 148 	JULY 95 98 98 100 100 101 103 134 130 131 114 119 111 111 114 117 118 122	97 101 103 102 104 105 116 150 145 144 123 117 115 117 117	124 124 125 125 124 122 122 123 130 154 124 126 125 126 125 126 126 126	120 122 120 122 120 121 120 121 120 121 120 122 120 118 118 116 116 118 117 118 119 119 119 119 119 119 119	122 122 122 122 123 123 123 120 120 120 121 120 121 120 121 120 121 122 123 123 123 123 123 123 123 123	120 122 123 122 132 120 121 122 126 114 114 113 115 112 111 114 115 117 116 117 116 115 109 108 108	SEPTEMBE 114 117 118 119 116 117 116 117 114 112 111 106 108 108 110 110 110 110 110 110 110 11	118 119 120 121 119 120 121 119 120 119 120 1115 113 111 110 110 111 111 111 111 111 111

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		DI	ECEMBER			JANUARY	
1	13.5	11.5	12.5	6.5	5.0	5.5				2.0	0.5	1.5
2	13.0	9.5	11.0	6.0	3.0	5.0				3.5	1.0	2.0
3	13.5	9.0	11.5	6.5	3.5	5.0				4.5	2.0	3.0
4	14.5	12.5	13.5	6.5	3.5	5.5				5.0	3.0	4.0
5	15.5	11.5	13.5	7.5	4.0	6.0				5.5	3.5	4.5
6	16.0	12.0	14.0	7.5	5.0	6.0				4.0	2.5	3.5
7	16.0	12.0	14.0	8.5	6.0	7.0				3.0	1.5	2.5
8	15.5	12.0	14.0	8.0	7.0	7.5				3.0	1.0	2.0
9	15.0	11.5	13.5	7.5	5.5	6.5				4.0	2.0	3.0
10	14.0	12.5	13.0	6.5	5.0	6.0				4.5	3.5	4.0
11	14.0	11.0	12.5	7.0	5.0	6.0				5.0	3.5	4.5
12	13.0	10.0	11.5	8.5	5.5	7.0				5.5	3.5	4.5
13	13.0	9.5	11.5	9.0	7.5	8.0				6.0	4.0	5.0
14	13.5	10.0	12.0	8.0	6.5	7.5				5.5	3.5	4.5
15	13.0	10.0	11.5	7.0	5.5	6.5				4.0	2.5	3.5
16	13.0	10.0	11.5	7.0	5.0	6.0	4.0	2.0	2.5	3.5	1.5	3.0
17	13.0	10.0	11.5	7.0	5.0	6.0	2.0	0.5	1.5	4.0	1.5	3.0
18	13.0	10.0	11.5	6.5	4.5	5.5	1.5	0.0	1.0	4.0	2.0	3.0
19	12.5	9.5	11.0	6.5	4.5	5.5	0.5	0.0	0.5	4.5	2.0	3.5
20	13.0	10.5	11.5	8.0	4.5	6.0	1.5	0.0	0.5	4.5	2.0	3.5
0.1	10.0	10.0	11 0	7.0	F 0	6.0	0 5	0 5	1 5	F 0	2.0	4 0
21 22	12.0 12.0	10.0 9.5	11.0 10.5	7.0 7.5	5.0 6.0	6.0 6.5	2.5	0.5 1.5	1.5 2.0	5.0 7.0	3.0 4.0	4.0 5.0
23	12.0	9.5	10.5	8.5	6.5	7.5	2.0	1.0	1.5	7.5	5.5	6.5
24	11.5	9.5	10.0	7.0	5.5	6.5	1.5	0.0	0.5	6.5	4.5	5.5
25	11.0	9.0	10.0	6.0	4.0	5.0	1.0	0.0	0.5	7.0	4.5	6.0
26	11.5	9.0	10.0	4.0	2.5	3.5	3.0	0.5	2.0	6.0	5.0	5.5
27 28	11.5 11.0	9.0 9.5	10.5	4.0	2.0	3.0	6.0 6.0	3.0 4.0	4.5 5.0	7.0 6.5	5.0 4.5	5.5 5.5
29	10.0	8.0	9.0	4.0	1.5	3.0 2.5	4.0	2.0	3.0	5.5	3.5	4.5
30	9.0	6.5	8.0				3.5	1.5	2.5	6.5	4.0	5.5
31	8.0	6.0	7.0				3.0	2.0	2.5	7.0	4.5	5.5
MONTH	16.0	6.0	11.4							7.5	0.5	4.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY			MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
DAY 1						MEAN			MEAN 9.0	MAX 10.5		MEAN
1 2	6.5 4.5	FEBRUARY 4.5 3.0	5.5 4.0	6.5 7.0	MARCH 3.5 2.5	4.5 4.5	10.5 7.5	APRIL 6.5 4.5	9.0 6.0	10.5 10.0	MAY 7.0 8.5	8.5 9.5
1 2 3	6.5 4.5 4.0	FEBRUARY 4.5 3.0 1.5	5.5 4.0 3.0	6.5 7.0 7.0	MARCH 3.5 2.5 3.5	4.5 4.5 5.5	10.5 7.5 7.5	APRIL 6.5 4.5 3.5	9.0 6.0 5.0	10.5 10.0 11.5	MAY 7.0 8.5 8.0	8.5 9.5 9.5
1 2 3 4	6.5 4.5 4.0 3.5	FEBRUARY 4.5 3.0 1.5 1.0	5.5 4.0 3.0 2.0	6.5 7.0 7.0 6.5	MARCH 3.5 2.5 3.5 3.0	4.5 4.5 5.5 4.5	10.5 7.5 7.5 8.0	APRIL 6.5 4.5 3.5 4.0	9.0 6.0 5.0 5.5	10.5 10.0 11.5 11.5	MAY 7.0 8.5 8.0 8.0	8.5 9.5 9.5 9.5
1 2 3	6.5 4.5 4.0	FEBRUARY 4.5 3.0 1.5	5.5 4.0 3.0	6.5 7.0 7.0	MARCH 3.5 2.5 3.5	4.5 4.5 5.5	10.5 7.5 7.5	APRIL 6.5 4.5 3.5	9.0 6.0 5.0	10.5 10.0 11.5	MAY 7.0 8.5 8.0	8.5 9.5 9.5
1 2 3 4	6.5 4.5 4.0 3.5	FEBRUARY 4.5 3.0 1.5 1.0	5.5 4.0 3.0 2.0	6.5 7.0 7.0 6.5	MARCH 3.5 2.5 3.5 3.0	4.5 4.5 5.5 4.5	10.5 7.5 7.5 8.0	APRIL 6.5 4.5 3.5 4.0	9.0 6.0 5.0 5.5	10.5 10.0 11.5 11.5	MAY 7.0 8.5 8.0 8.0	8.5 9.5 9.5 9.5
1 2 3 4 5	6.5 4.5 4.0 3.5 2.5	4.5 3.0 1.5 1.0	5.5 4.0 3.0 2.0 1.5	6.5 7.0 7.0 6.5 8.0	MARCH 3.5 2.5 3.5 3.0 3.5	4.5 4.5 5.5 4.5 5.5	10.5 7.5 7.5 8.0 8.5	APRIL 6.5 4.5 3.5 4.0 4.0	9.0 6.0 5.0 5.5 6.0	10.5 10.0 11.5 11.5 12.5	MAY 7.0 8.5 8.0 8.0	8.5 9.5 9.5 9.5
1 2 3 4 5	6.5 4.5 4.0 3.5 2.5 1.5 1.5	# 4.5 3.0 1.5 1.0 0.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0	10.5 7.5 7.5 8.0 8.5 10.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5	10.5 10.0 11.5 11.5 12.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 8.0	8.5 9.5 9.5 9.5 10.0
1 2 3 4 5 6 7 8 9	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5	10.5 7.5 7.5 8.0 8.5 8.5 10.0 11.5 12.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 8.0 6.5	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5
1 2 3 4 5	6.5 4.5 4.0 3.5 2.5 1.5 1.5	# 4.5 3.0 1.5 1.0 0.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0	10.5 7.5 7.5 8.0 8.5 10.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5	10.5 10.0 11.5 11.5 12.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 8.0	8.5 9.5 9.5 9.5 10.0
1 2 3 4 5 6 7 8 9	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5	10.5 7.5 7.5 8.0 8.5 8.5 10.0 11.5 12.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 8.0 6.5	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5
1 2 3 4 5	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5 3.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5	4.5 4.5 5.5 4.5 5.5 7.0 7.0 7.5	10.5 7.5 7.5 8.0 8.5 8.5 10.0 11.5 12.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5 10.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0	7.0 8.5 8.0 8.0 8.0 8.0 8.0 6.5	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5
1 2 3 4 5 6 7 8 9 10	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5 3.5	4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0 2.0 2.5 4.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 5.5 7.0 7.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 7.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 5.0	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5 10.0 10.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0	MAY 7.0 8.5 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.5 8.5 11.0 12.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 6.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.0	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 7.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 8.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 8.0 4.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5
1 2 3 4 5 6 7 8 9 10	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5 3.5	4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0 2.0 2.5 4.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 5.5 7.0 7.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 7.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 5.0	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5 10.0 10.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0	MAY 7.0 8.5 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.5 8.5 11.0 12.5 13.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.0	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0 2.5 4.5 6.0	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5 7.0 7.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 8.0 9.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 8.5 8.0 8.0 5.0 4.0 6.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 7.5	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 16.0 14.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.5 10.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 6.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0	6.5 7.0 7.0 6.5 8.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 7.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 8.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 8.0 4.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 6.5 7.0	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 2.0 2.0 2.5 4.5 6.0 6.0	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.7 7.0 7.5 4.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 9.0 10.0 9.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 8.0 8.0 9.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 6.0 6.5	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 6.0 7.5	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 16.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.5 10.0	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 13.0 12.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.0 6.0 5.0 5.4	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.0 3.5 3.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5 7.0 7.5 4.0 4.0 3.5 4.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 8.0 8.0 9.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 5.0 4.0 6.5 7.0 6.5 6.5	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 6.0 7.5 8.0 8.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 16.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 10.0 11.5 10.0 9.5 9.0 9.0	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 13.0 12.0
1 2 3 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18	6.5 4.5 4.0 3.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.0 6.0 5.5	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.5 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 4.0 3.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 10.5 8.0 9.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 5.0 4.0 6.0 6.5 7.0 6.5	9.0 6.0 5.0 5.5 6.0 7.0 7.5 9.5 10.0 10.0 9.0 6.0 7.5 7.5 8.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 16.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 6.5 10.0 11.0 9.5 9.0	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 12.0 11.5 11.5 11.0
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1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.0 6.0 5.0 5.4	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.0 3.5 3.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5 7.0 7.5 4.0 4.0 3.5 4.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 8.0 8.0 9.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 5.0 4.0 6.5 7.0 6.5 6.5	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 6.0 7.5 8.0 8.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 16.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 9.0 8.0 6.5 10.0 11.5 10.0 9.5 9.0 9.0	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 13.0 12.0
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1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	6.5 4.5 4.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.0 6.0 5.5 4.5 7.0 7.5 7.0	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 3.0 4.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 4.5 4.5 4.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.0 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 3.5 4.5 5.5 6.5 8.6 8.0 6.5	4.5 4.5 5.5 5.5 6.5 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 5.0 6.5 7.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 8.0 9.0 8.0 10.0 9.5 11.5 10.5 9.0 11.5	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 6.0 6.5 6.5 8.0 8.0 6.5 8.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 7.5 7.5 8.0 8.0 9.0 9.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 8.0 6.5 6.5 10.0 11.5 10.0 9.5 9.0 9.5 11.5 11.5 12.0 12.0	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.0 12.0 11.5 11.0 12.0 11.5 11.0 12.0
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 6.5 7.0 6.0 5.0 5.5 4.5 7.0	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 2.5 4.5 6.0 6.0 5.5 4.5 4.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.5 9.5 9.5 9.0 10.0 11.5 12.5 10.5 8.6 8.5 9.5	MARCH 3.5 2.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 5.5 7.0 7.5 4.0 4.0 3.5 4.0 3.5 4.5 5.5 6.5 8.5	4.5 4.5 5.5 4.5 5.5 7.0 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 9.0 10.0 9.5 11.5 10.5 9.0 11.5	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 4.0 6.5 6.5 8.0 8.0 6.5 6.5 8.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 9.0 6.0 6.0 7.5 8.0 9.0 9.0	10.5 10.0 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 10.0 11.5 10.0 9.5 9.0 9.1 11.5 11.5 12.0	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 11
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	6.5 4.5 4.5 2.5 1.5 2.5 3.5 3.5 3.5 6.5 7.0 6.0 5.0 5.0 5.0 7.0 7.0 7.0 6.5 7.0	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 4.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.0 3.5 4.5 4.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.0 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 4.0 3.5 4.5 5.5 6.5 8.0 6.5 7.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.0 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0 8.5 7.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 10.5 8.0 9.0 8.0 9.0 10.0 9.5 11.5 10.5 9.0 11.5 13.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 4.0 6.5 7.0 6.5 8.0 8.0 6.5 8.0 6.5 8.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 6.0 7.5 7.5 8.0 8.0 9.0 9.0 9.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.5 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 10.0 11.5 10.0 9.5 9.5 9.0 9.5 11.5 12.0 12.0 11.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.0 11.5 11.5 11.0 12.0 13.5 13.5 13.5 13.5 13.5
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 7.5 7.0 6.0 5.5 4.5 7.0 7.0 6.5 7.0	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.0 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 4.0 3.5 4.5 5.5 6.5 8.0 6.5 7.0 8.0	4.5 4.5 5.5 5.5 6.5 7.0 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0 7.5 9.0 8.5 9.0 8.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 9.0 8.0 10.0 9.5 11.5 10.5 10.5 10.5 10.5	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 8.0 4.0 6.5 6.5 8.0 8.0 6.5 6.5 8.0 8.0 6.5 6.5 8.0	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 6.0 7.5 7.5 8.0 9.0 9.0 9.0 8.5 9.5 8.0	10.5 10.0 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.5 14.5 13.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 8.0 6.5 6.5 10.0 11.5 10.0 9.5 9.5 9.1 11.5 12.0 12.0 11.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.0 11.5 11.5 11.0 12.0 11.5 13.5 1
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	6.5 4.5 4.5 2.5 1.5 2.5 3.5 3.5 3.5 6.5 7.0 6.0 5.0 5.0 5.0 7.0 7.0 7.0 6.5 7.0	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 4.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.0 3.5 4.5 4.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.0 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 4.0 3.5 4.5 5.5 6.5 8.0 6.5 7.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0 8.5 9.5 9.0 8.5 9.5 9.0 9.5 9.5 9.5 9.5 9.5 9.5 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 10.5 8.0 9.0 8.0 9.0 10.0 9.5 11.5 10.5 9.0 11.5 13.0	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 4.0 6.5 7.0 6.5 8.0 8.0 6.5 8.0 6.5 8.0	9.0 6.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 6.0 6.0 7.5 8.0 9.0 9.0 8.0 8.0 8.0 8.0 9.5	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 14.5 14.5 13.0 14.5 13.5 14.5 15.0 16.0 14.5 13.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 10.0 11.5 10.0 9.5 9.5 9.0 9.5 11.5 12.0 12.0 11.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.5 11.5 11.0 12.0 13.5 13.5 11.0 12.0
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 6.5 7.5 7.0 6.0 5.0 7.5 7.0 7.5 7.0 6.0 6.5 7.0	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.5 3.5 3.5 3.5 3.5 4.0 4.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 4.5 6.0 6.0 5.5 4.0 5.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 7.0 7.5 4.0 4.5 5.5 6.5 8.5 8.6 6.5 7.0 6.5	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0 8.5 9.5 9.5 8.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 9.0 8.0 10.0 9.5 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 6.0 6.5 6.5 8.0 8.0 6.5 6.5 8.0 6.5 6.5 8.0 6.5 6.5 8.0 6.5	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 6.0 7.5 7.5 8.0 8.0 9.0 9.0 8.5 9.5 8.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 15.5 15.0 14.5 13.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 10.0 9.5 9.5 9.0 9.1 11.5 11.5 12.0 12.5 13.0 12.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.0 11.5 11.5 11.0 12.0 11.5 13.5 1
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 7.5 7.0 6.0 5.0 5.0 7.0 7.0 7.0 6.0 7.0 6.0 7.0 7.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 4.0 4.5 2.5 4.0 2.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0 2.5 4.5 6.0 6.0 5.5 4.5 5.5 5.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.5 12.5 12.5 12.5 10.5 8.5 9.5 11.0 11.0 11.0 11.0 11.0 11.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 7.5 7.0 7.5 7.0 7.5 4.0 4.0 4.5 5.5 6.5 8.5 6.5 8.6 6.5 7.0 8.0 6.5 7.0	4.5 4.5 5.5 4.5 5.5 7.0 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.5 7.0 8.5 9.5 8.5 9.0 8.5 9.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 10.5 8.0 9.0 8.0 9.0 10.5 11.5 10.5 11.5 10.5 11.5 10.5 10	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 6.0 6.5 6.5 8.0 6.5 6.5 8.0 6.5 6.5 6.5 6.5 6.5 6.5 6.5	9.0 6.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 6.0 6.0 6.0 7.5 8.0 9.0 9.0 8.5 9.5 8.0 9.5 8.0 9.5 8.0 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.0 14.0 14.5 15.5 15.0 15.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 11.0 11.5 11.0 9.5 9.0 9.0 9.1 11.5 11.5 11.5 11.5 12.0 11.5 11.5 12.0 11.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.5 11.5 11.5 11.5 11.0 12.0 12.0 12.5 13.5 1
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 3.5 6.5 7.0 6.0 6.0 7.5 7.0 7.0 6.5 7.0	### FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 4.5 3.5 3.5 3.5 3.5 4.0 4.5 4.5 5.0	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 1.0 2.0 2.5 2.5 4.5 6.0 6.0 5.5 4.0 3.5 4.5 5.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.0 11.5 12.5 10.5 8.0 8.5 9.5	MARCH 3.5 2.5 3.0 3.5 4.5 5.0 4.5 5.0 6.5 7.0 7.5 4.0 4.0 3.5 5.5 6.5 8.0 6.5 7.0 8.0 6.5 7.0	4.5 4.5 5.5 4.5 5.5 6.5 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.0 5.5 7.0 8.5 9.5 9.5 8.5 9.0	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 10.5 8.0 9.0 8.0 10.0 9.5 11.5 10.5 10.5 10.5 10.5 10.5 10.5 10	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.5 8.0 4.0 6.0 6.5 7.0 6.5 8.0 8.0 6.5 7.0 6.5 7.0 6.5 7.0 7.5	9.0 6.0 5.0 5.5 6.0 7.5 9.5 10.0 10.0 9.0 6.0 6.0 7.5 7.5 8.0 8.0 9.0 9.0 8.5 9.5 8.0	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 15.5 15.0 14.5 13.0 14.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 10.0 9.5 9.5 9.0 9.1 11.5 11.5 12.0 12.5 13.0 12.5	8.5 9.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.0 11.5 11.5 11.0 12.0 12.0 12.5 13.5 13.5 13.5 14.0 12.5
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	6.5 4.5 4.5 3.5 2.5 1.5 1.5 2.5 3.5 3.5 7.5 7.0 6.0 5.0 5.0 7.0 7.0 7.0 6.0 7.0 6.0 7.0 7.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	## FEBRUARY 4.5 3.0 1.5 1.0 0.0 0.0 0.0 0.0 0.0 1.5 1.5 3.0 4.5 5.0 4.5 3.0 2.0 2.5 3.5 3.5 3.5 3.5 4.0 4.5 2.5 4.0 2.5	5.5 4.0 3.0 2.0 1.5 0.5 0.5 0.5 2.0 2.5 4.5 6.0 6.0 5.5 4.5 5.5 5.5 5.5 5.5 5.5 5.5	6.5 7.0 7.0 6.5 8.0 9.0 9.5 9.5 9.5 9.5 10.5 12.5 12.5 12.5 10.5 8.5 9.5 11.0 11.0 11.0 11.0 11.0 11.5	MARCH 3.5 2.5 3.5 3.0 3.5 4.5 5.0 4.5 5.0 7.5 7.0 7.5 7.0 7.5 4.0 4.0 4.5 5.5 6.5 8.5 6.5 8.6 6.5 7.0 8.0 6.5 7.0	4.5 4.5 5.5 4.5 5.5 7.0 7.0 7.5 7.5 7.5 9.0 10.0 9.5 9.0 6.5 7.0 8.5 9.5 8.5 9.0 8.5 9.5 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	10.5 7.5 7.5 8.0 8.5 10.0 11.5 12.0 11.5 12.5 10.5 8.0 9.0 8.0 9.0 10.5 11.5 10.5 11.5 10.5 11.5 10.5 10	APRIL 6.5 4.5 3.5 4.0 4.0 5.5 5.0 7.0 8.5 8.0 8.0 6.0 6.5 6.5 8.0 6.5 6.5 8.0 6.5 6.5 6.5 6.5 6.5 6.5 6.5	9.0 6.0 5.5 6.0 7.5 9.5 10.0 10.0 10.0 6.0 6.0 6.0 7.5 8.0 9.0 9.0 8.5 9.5 8.0 9.5 8.0 9.5 8.0 9.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8	10.5 10.0 11.5 11.5 12.5 11.5 12.0 10.5 9.0 11.0 13.5 15.0 14.5 14.5 13.0 14.0 14.5 15.5 15.0 15.5 14.5	MAY 7.0 8.5 8.0 8.0 8.0 8.0 6.5 6.5 11.0 11.5 11.0 9.5 9.0 9.0 9.1 11.5 11.5 11.5 11.5 12.0 11.5 11.5 12.0 11.5 12.0 11.5	8.5 9.5 9.5 10.0 10.0 9.5 9.0 7.5 8.5 11.0 12.5 13.5 11.5 11.5 11.5 11.5 11.0 12.0 12.0 12.5 13.5 1

10348200 TRUCKEE RIVER AT SPARKS, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	IR.
1	15.5	12.0	14.0	19.0	14.5	16.5	22.5	19.5	21.0	20.5	15.0	17.5
2	16.5	13.0	14.5	19.5	14.0	16.5	21.0	18.5	19.5	21.5	16.0	19.0
3	16.5	13.0	14.5	20.0	15.0	17.0	22.5	17.0	19.5	20.5	17.0	18.5
4	17.5	13.5	15.0	20.5	15.0	17.5	24.5	18.5	21.0	19.0	16.5	18.0
5	16.5	13.0	14.5	20.5	15.0	17.5	24.0	18.5	21.0	20.5	16.0	18.5
6	17.5	12.5	15.0	20.5	15.5	18.0	22.5	17.5	20.0	20.5	16.5	18.5
7	18.5	14.0	16.0	20.0	15.0	17.5	22.0	17.0	19.5	18.5	15.5	17.0
8	18.5	14.0	16.0	20.5	15.0	17.5	22.0	16.5	19.0	18.5	14.5	16.5
9	18.5	14.0	16.0	21.5	16.0	18.5	22.0	16.5	19.0	17.0	14.5	15.5
10	18.0	13.5	15.5	21.5	16.5	19.0	22.5	16.5	19.5	18.0	13.5	15.5
11	18.0	13.5	15.5	21.5	16.5	19.0	22.0	16.5	19.5	18.5	13.5	16.0
12	18.0	13.5	15.5	21.0	16.5	19.0	22.0	16.5	19.0	19.5	14.5	17.0
13	18.5	14.0	16.0	21.0	16.5	18.5	22.5	16.5	19.5	18.0	14.5	16.5
14	18.5	13.5	16.0	21.5	16.5	18.5	22.5	17.0	20.0	18.0	13.0	15.5
15	19.0	13.5	16.0	21.5	16.5	19.0	23.0	18.0	20.5	16.5	14.5	15.5
16	20.5	15.0	17.5	22.0	17.0	19.0	23.0	18.0	20.5	16.5	13.5	15.0
17	21.0	16.0	18.5	21.5	18.0	20.0	23.5	17.5	20.5	16.0	12.0	14.0
18	20.0	16.5	18.0	22.5	18.5	20.5	24.0	18.5	21.0	16.0	12.0	14.0
19	19.0	14.5	17.0	23.5	19.0	21.0	23.5	18.5	21.0	17.0	12.5	14.5
20	19.0	14.0	16.0	24.5	19.5	21.5	23.5	18.0	21.0	18.0	13.5	15.5
21	19.0	13.5	16.0	24.0	19.5	22.0	22.0	19.0	20.0	18.0	13.5	15.5
22	18.5	13.5	16.0	24.0	20.0	22.0	21.0	17.5	19.0	18.0	13.5	16.0
23	16.5	12.0	13.5	22.5	20.0	21.0	22.0	16.5	19.0	18.5	14.0	16.5
24	17.5	10.5	13.5	23.0	19.0	21.0	22.5	17.5	20.0	19.0	14.5	16.5
25	20.0	13.0	16.0	22.0	19.5	21.0	22.5	17.5	20.0	18.5	14.5	16.5
26	21.0	14.5	17.5	23.0	18.5	21.0	21.5	18.0	19.5	17.5	14.0	16.0
27	22.0	15.5	18.5	23.0	19.5	21.0	22.0	17.0	19.5	18.0	13.5	15.5
28	22.5	17.0	19.5	23.5	18.0	20.5	22.0	17.0	19.0	18.0	14.5	16.0
29	21.5	17.0	19.0	25.0	19.5	22.0	21.0	16.5	18.5	17.5	14.5	16.0
30	19.5	15.0	17.0	26.5	20.5	23.5	21.0	16.0	18.5	18.0	14.0	16.0
31				25.0	21.0	22.5	19.5	16.5	17.5			
MONTH	22.5	10.5	16.1	26.5	14.0	19.6	24.5	16.0	19.7	21.5	12.0	16.3

10348245 NORTH TRUCKEE DRAIN AT SPANISH SPRINGS ROAD NEAR SPARKS, NV

LOCATION.--Lat 39°34′08", long 119°43′32", in NE ¹/₄ SW ¹/₄ sec.27, T.20 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank upstream of culvert crossing Spanish Springs Road, at south end of Spanish Springs Valley, and 2.4 mi north of Sparks. DRAINAGE AREA.--80 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1992 to September 1994; October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,410 ft above NGVD of 1929 from topographic map. Prior to November 1, 1993, at a site in same vicinity, at different datum.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Orr Ditch, many diversions for irrigation in Spanish Springs Valley. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43 ft 3 s, August 1, 2002, gage height, 3.73 ft; minimum daily, 0.02 ft 3 s, September 20, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20 ft³/s, June 20, gage height, 3.13 ft; minimum daily, 0.16 ft³/s, April 25.

		DISC	HARGE, CUB	IC FEET PER	R SECOND,	WATER Y Y MEAN V	EAR OCTOBER	2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	1.0	1.7	2.1	2.0	1.5	0.22	0.20	5.4	8.8	7.7	6.7
2	2.3	0.95	1.7	2.1	1.7	1.3	0.23	0.22	6.0	7.2	13	6.3
3	2.0	0.99	1.5	2.1	1.9	1.4	0.25	2.6	6.4	6.8	5.5	6.1
4	2.1	1.1	1.5	1.9	2.0	1.1	0.19	3.3	7.4	5.3	4.6	6.2
5	1.9	1.0	1.6	1.7	1.8	1.2	0.17	0.35	5.5	5.9	5.6	6.5
6	1.8	1.6	1.5	1.5	1.8	1.3	0.17 0.17 0.17 0.17 0.23	0.34	6.1	6.2	5.2	8.6
7	1.6	2.7	1.5	1.4	1.7	1.2	0.17	0.35	5.5	6.6	4.9	9.0
8	1.4	7.3	1.4	1.7	1.8	1.0	0.17	0.85	6.0	6.4	5.0	9.0
9	1.4	5.0	1.4	1.7	1.7	0.95	0.17	1.6	6.2	6.2 6.2	5.3	12
10	1.3	4.5	2.3	2.0	1.7	0.83	0.23	3.0	6.4			10
11	1.2	4.2	2.1	1.8	1.7	0.77	0.17 0.31 0.68 0.23 0.19	3.3	7.2 7.0	7.0 7.3 7.1 6.6 4.5	5.7	9.5
12	1.6	3.9	1.9	1.8	1.7	0.71	0.31	2.1	7.0	7.3	6.0	9.8
13	1.6	4.3	1.9	1.9	2.0	0.80	0.68	2.1	8.0	7.1	6.6	6.4
14	1.5	4.6	2.2	2.0	1.8	1.4	0.23	2.1	5.7	6.6	6.7	7.0
15	2.5	4.1	3.3	2.0	1.6	0.98	0.19	2.9	6.0	4.5	6.2	8.4
16	2.0	3.3	10	2.0	1.8	0.51	0.23 0.29 0.21 0.18 0.19	3.5				6.3
17	1.7	3.0	4.5	2.2	1.6	0.40	0.29	4.1	8.8	6.4	7.9	6.7
18	1.6	2.5	2.8	2.1	1.6	0.66	0.21	3.1	8.8	7.1	7.5	6.2
19	1.7	2.2	3.0	1.9	1.6	0.43	0.18	4.0	9.9	6.4 7.1 7.9	7.5 6.9	7.0
20	1.7	2.1	3.7	1.8	1.7	0.35	0.19	5.7	14	5.9	6.9	7.8
21	1.6 1.6 0.97	1.9	3.9	1.9	1.7	0.29	0.24 0.24 0.21 0.17 0.16	5.1	16	6.1	7.4	8.7
22	1.6	1.8	3.8	1.9	1.8	0.25	0.24	5.1	11	6.3	8.0	7.8
23	0.97	1.7	3.6	2.0	1.7	0.27	0.21	6.4	11 6.3	6.8	6.2	7.2
24	1.2	1.7	3.3	2.0	1.8	0.24	0.17	4.8	7.6	8.3	5.2	7.7
25	1.1	1.5	2.9	1.8	1.7	0.19	0.16	4.4	10	8.3	5.2	5.4
26	1.1	1.5 1.6 1.6 1.6	2.5	1.8	1.7	0.17	0.20 0.20 0.24 0.21 0.20	4.2	10	8.4 7.1 5.2 4.1 4.8	5.4	4.9
27	1.1	1.6	3.0	2.0	1.7	0.18	0.20	4.0	10	7.1	7.3	4.5
28	0.96	1.6	3.1	1.9	1.6	0.17	0.24	3.8	11	5.2	7.3	4.1
29	0.95	1.6	3.1	1.8		0.19	0.21	4.4	8.9	4.1	6.2	3.5
30	0.93	1.7	2.3	1.9		0.28	0.20	4.8	11	4.8	7.1	3.1
31	0.96		3.2	2.0		0.27		5.9		6.0	6.7	
TOTAL	47.97	76.94	86.2	58.7	48.9	21.29	6.72	98.91	245.0	201.9	201.6	212.4
MEAN	1.55	2.56	2.78	1.89	1.75	0.69	0.22	3.19	8.17	6.51	6.50	7.08
MAX	2.6	7.3	10	2.2	2.0	1.5	0.68	6.4	16		13	12
MIN	0.93	0.95	1.4	2.2 1.4 116	1.6	0.17	0.68	0.20	5.4	4.1	4.6	3.1
AC-FT	95	153	171	116	97	42	13	196	486	400	400	421
STATIST	rics of M	ONTHLY MEA	N DATA FO	R WATER YE	EARS 1992	2 - 2003	B, BY WATER	YEAR (WY)				
MEAN	0.70	1.01			1.20	2.67		7.86	9.48		7.55	6.90
MAX	1.55	2.56	2.78	1.89	2.33	7.89	6.59	17.4	14.1	15.0	16.0	14.6
(WY)	2003	2003		2001				1994	2002	2002	2002	2002
MIN	0.049	0.081	0.10	0.14				3.19	1.77	0.11	0.069	0.037
(WY)	1993	1993	1993	1993	1993	1993	2003	2003	1992	1994	1994	1992
SUMMARY	Y STATIST	ICS	FOR 2	002 CALENI	DAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	RS 1992 -	- 2003
ANNUAL	TOTAL			2309.40			1306.53	3				
ANNUAL	MEAN			6.33			3.58	3		4.5	9	
HIGHEST	r annual i	MEAN								5.9	8	2002
	ANNUAL M									3.4	6	1993
	r daily M			24			16	Jun 21		27	Jul 15	1993
	DAILY ME			0.24 0.27	Apr 7		0.16	5 Apr 25		0.0	2 Sep 20 2 Sep 20	1992
		Y MINIMUM		0.27	Apr 11		0.18	B Apr 5		0.0	2 Sep 20	
	M PEAK FL						20	Jun 20		43		
	M PEAK ST						3.13	3 Jun 20		3.7 3320	3 Aug 1	L 2002
	RUNOFF (4580						3320		
	CENT EXCE			17			7.5			13		
	CENT EXCE			2.1			2.1			1.7		
90 PERC	CENT EXCE	EDS		0.42			0.26	5		0.1	0	

$10348245\ \ NORTH\ TRUCKEE\ DRAIN\ AT\ SPANISH\ SPRINGS\ ROAD\ NEAR\ SPARKS,\ NV--Continued$ $PRECIPITATION\ RECORDS$

PERIOD OF RECORD.— October 2000 to current year.

INSTRUMENTATION.—Recording-weighing gage since October 6, 2000.

 $EXTREMES\ FOR\ PERIOD\ OF\ RECORD. \\--Maximum\ daily\ precipitation, 0.77\ in., December\ 16, 2002; no\ precipitation\ most\ days.$

EXTREMES FOR CURRENT YEAR.—Maximum daily precipitation, 0.77 in., December 16; no precipitation most days.

		PR	ECIPITATION,	TOTAL,		WATER YEAR ILY SUM VAL		2002 TO S	EPTEMBER 2003	3		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
4	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
9	0.00	0.05	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.03	0.00	0.20	0.00	0.00	0.00	0.00	0.00
13	0.00	0.03	0.00	0.00	0.09	0.00	0.19	0.00	0.00	0.00	0.00	0.00
14	0.00	0.01	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.10	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.77	0.00	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.13	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.22	0.00
22	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.07	0.00	0.04	0.00	0.00	0.06	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
27	0.02	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00
28	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.09	0.00	0.00
29	0.00	0.00	0.04	0.00		0.00	0.00	0.00	0.00	0.01	0.00	0.00
30	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00		0.21	0.00		0.00		0.00		0.14	0.00	
TOTAL	0.06	0.19	1.62	0.30	0.27	0.17	0.67	0.02	0.06	0.26	0.74	0.00

CAL YR 2002 TOTAL 3.09 WTR YR 2003 TOTAL 4.36

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV

LOCATION.--Lat 39°31'36", long 119°42'30", in NE $^1/_4$ SW $^1/_4$ sec.11, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank, 0.2 mi above Kleppe Lane bridge in Sparks.

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--October 1992 to December 1996, January 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,390 ft above NGVD of 1929, from topographic map. Gage formerly operated by Federal Court Watermaster at site 0.2 mi downstream.

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Orr Ditch, many diversions in Spanish Springs Valley, and by pumping from the Helms Pit. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 670 ft³/ s, May 18, 1996, gage height, 7.74 ft; maximum gage height, 8.57 ft, backwater from Truckee River; minimum daily, 1.2 ft³/ s, December 27, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, about 120 ft³/s, December 16, gage height, 5.86 ft, backwater from beaver dam; minimum daily, 2.2 ft³/s, October 2.

		DIS	CHARGE, CU	BIC FEET PE		WATER YI Y MEAN V	EAR OCTOBER 2	2002 TO SE	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	8.4	15	6.6	8.6	11	9.8	6.2	20	8.1	34	14
2	2.2	7.4	17	7.1	8.1	11	10	6.3	20	7.4	18	13
3	3.2	8.0	17	7.1	8.5	11	11	7.3	20	8.4	8.0	12
4	3.7	9.2	17	7.0	8.4	12	9.8	12	20	6.6	8.8	13
5	3.8	10	18	6.9	8.5	11	9.5	6.8	16	6.7	10	14
6	4.8	12	17	7.1	8.6	11	9.4	6.4	14	6.6	9.6	15
7	5.8	3 7	17	7.5	9.3	11	9.7	5.9	12	7.5	9.4	16
8	6.2	5 0	17	7.9	8.8	12	10	6.4	11	7.6	11	16
9	6.9	16	17	9.1	8.6	11	10	6.8	11	8.1	9.6	18
10	6.5	10	19	7.8	8.8	11	10	7.6	9.3	8.2	10	17
11	4.6	9.7	19	7.5	8.5	11	11	6.5	9.5	8.9	10	16
12	4.1	10	19	7.3	9.0	11	13	5.4	9.3	8.7	10	16
13	4.7	12	21	7.9	9.7	11	13	5.1	9.3	9.1	11	14
14	4.8	12	23	8.4	9.4	13	6.6	5.4	6.9	9.8	11	13
15	5.9	11	e40	8.1	11	12	6.2	5.6	7.4	9.0	11	14
16	6.2	9.3	e118	7.6	8.3	6.1	6.8	6.0	7.8	9.4	10	12
17	6.9	8.7	11	7.6	8.1	6.9	6.8	6.8	8.3	10	12	11
18	7.5	8.6	7.5	7.5	8.5	8.1	6.3	6.6	8.1	11	12	11
19	7.9	10	7.1	7.5	8.9	8.3	5.9	6.6	8.8	12	12	11
20	8.0	11	7.8	7.7	9.3	8.1	5.9	8.5	13	10	17	11
21	7.9	12	7.6	7.8	9.4	8.0	6.3	9.0	13	10	18	12
22	8.0	13	7.2	8.0	10	7.8	6.2	9.1	9.1	9.7	13	12
23	7.0	12	7.1	9.3	11	8.7	6.3	13	35	11	11	12
24	7.3	12	6.9	7.5	11	8.1	6.1	11	6.5	12	10	11
25	6.5	12	6.7	7.1	12	8.0	6.3	11	7.5	12	10	9.0
26	6.1	12	6.5	7.2	11	7.7	6.3	12	7.7	11	11	8.1
27	6.6	13	7.1	7.9	12	7.5	6.2	12	7.8	13	13	7.4
28	6.3	13	7.5	7.4	11	8.3	6.7	13	8.4	19	14	6.7
29	6.5	13	7.8	7.4		8.4	6.2	15	7.5	9.8	14	6.3
30 31	7.1 7.8	15	6.6 15	8.7 8.8		9.0 9.4	6.2	17 21	8.7	10 14	14 14	5.9
moma r	100.0	205 2	F20 4	020 2	064.3	000 4	0.4.3 5	0.77	250.0	204 6	206.4	265.4
TOTAL	183.2	397.3	530.4	238.3	264.3	298.4	243.5	277.3	352.9	304.6	386.4	367.4
MEAN MAX	5.91 8.0	13.2 50	17.1 118	7.69 9.3	9.44	9.63 13	8.12	8.95 21	11.8 35	9.83 19	12.5 34	12.2 18
MIN	2.2	7.4	6.5	6.6	8.1	6.1	5.9	5.1	6.5	6.6	8.0	5.9
AC-FT	363	788	1050	473	524	592	483	550	700	604	766	729
STATIST	TCS OF M	ONTHIV ME	AN DATA F	OR WATER V	/EARS 1993	3 - 2003	, BY WATER	YEAR (WY)				
MEAN	11.8	11.5	13.8	11.7	12.9	15.6	15.1	29.0	24.6	19.0	23.0	21.0
MAX	30.7	26.2	33.4	17.5	30.3	42.4	23.2	79.8	41.6	28.8	43.5	35.3
(WY)	1997	1997	1997	1996 7.12	1996 6.44	1995	1998	1996 8.13	1993	1996	1999 8.92	1999 10.3
MIN (WY)	5.91 2003	6.17 2000	4.98	2001	2001	5.47 2001	6.49 2000	2001	11.8 2003	9.46 1994	8.92 1994	2001
SUMMARY	STATIST	ICS	FOR	2002 CALEN	NDAR YEAR		FOR 2003 WA	TER YEAR		WATER YEAR	S 1993 -	2003
ANNUAL ANNUAL				6033.0 16.5			3844.0 10.5			16.7		
	MEAN ANNUAL I	MEAN		10.5			10.5			27.1		1996
	ANNUAL M									10.5		2003
	DAILY M			118	Dec 16		118	Dec 16		316	May 18	
	DAILY ME				Oct 2			Oct 2			Dec 27	
	SEVEN-DA		I	3.1				Oct 1		3.1		
	M PEAK FL				-		120	Dec 16		670		
	M PEAK ST						5.86	Dec 16		8.57	Mar 24	1998
	RUNOFF (11970			7620			12100		
	CENT EXCE			27			16			30		
	CENT EXCE			15			9.1			13		
90 PERC	CENT EXCE	EDS		6.5			6.3			5.8		

e Estimated

10348460 FRANKTOWN CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°12'12", long 119°52'17", in SW $^1/_4$ SE $^1/_4$ sec.32, T.16 N., R.19 E., Washoe County, Hydrologic Unit 16050102, in Toiyabe National Forest, on right bank, 300 ft upstream from Red House diversion dam, 0.2 mi upstream from Red House, and 6.1 mi northwest of Carson City.

DRAINAGE AREA.--3.24 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,380 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Hobart Reservoir, and by pumping from Marlette Lake (station 10336710) during dry years. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

REVISIONS.--WDR NV-94-1: 1980 (P), 1982-1985(P).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, $89 \, \mathrm{ft}^3 / s$, February 16, 1986, gage height, 3.64 ft; minimum daily, 0.48 ft $^3 / s$, September 9, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13 ft³/s, May 14, gage height, 1.84 ft; minimum daily, 1.4 ft³/s, many days.

LATREM	LATICIALS FOR CORRELAT 12ARMaximum discharge, 15 ft /s, May 14, gage height, 1.04 ft, minimum dany, 1.4 ft /s, many days.												
		DISC	HARGE, CUI	BIC FEET PI			YEAR OCTOBEI VALUES	R 2002 TO S	EPTEMBER	2003			
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	3.3	1.4	1.4	e2.0	2.7	2.0	3.4	2.3	7.8	2.9	3.5	2.9	
2	3.3	1.4	1.5	2.0	2.6	2.0		2.4	7.7	3.1	3.5	2.9	
3	3.3	1.4	1.4	1.9	2.4	2.0		2.7	7.7	3.3	3.5	2.8	
4	3.2	1.5	1.5	1.9	2.3	2.1		3.1	6.9	3.1	3.5	2.8	
5	3.2	1.5	1.5	2.0	2.3	2.0	e2.4	3.2	6.1	3.0	3.4	2.8	
6 7	3.2	1.5 1.9	1.5 1.5	2.0	2.2	1.9		3.6 3.6	5.5 5.0	3.0 3.1	3.4	2.8	
8	3.2			1.9	e2.1	2.0		3.7					
		5.9	1.5						4.6	3.4	3.4	2.8	
9	3.3	4.7	1.5	2.0	2.1	2.0		3.1	4.2	3.5	3.3	2.8	
10	3.3	3.0	1.6	2.0	2.1	2.0	3.6	3.2	3.7	3.6	3.6	2.8	
11	3.3	2.3	1.5	2.0	2.1	2.1		3.9	3.4	3.4	3.7	3.0	
12	3.3	2.1	1.6	1.9	2.1	2.2	4.2	5.8	3.2	3.3	3.5	3.1	
13	3.4	2.1	2.2	1.9	2.1	2.6	4.5	7.6	3.1	3.3	3.1	3.1	
14	2.2	1.9	e2.0	1.9	2.1	2.8	2.8	8.6	3.0	3.4	2.9	3.1	
15	1.4	1.8	e2.0	1.9	2.1	2.9	2.5	9.1	2.9	3.4	2.9	3.0	
16	1.4	1.7	e2.0	1.9	e2.1	2.3	2.4	8.2	2.8	3.3	2.9	3.0	
17	1.5	1.7	e2.2	1.9	2.0	2.1		7.9	2.7	3.3	2.8	3.0	
18	1.5	1.6	e2.0	1.9	1.9	2.0		8.1	2.6	3.3	2.8	3.1	
19	1.5	1.6	e2.0	1.9	2.0	e2.0		7.3	2.4	3.3	2.8	3.1	
20	1.5	1.7	e2.0	1.9	1.9	2.1		7.6	2.4	3.3	2.9	3.0	
21	1.5	1.7	e2.0	2.0	1.9	2.1		9.1	2.2	3.4	2.8	3.1	
22	1.5	1.7	e2.0	2.0	1.9	2.2		9.6	2.1	3.3	2.8	3.2	
23	1.5	1.8	e2.0	e2.5	1.9	2.5		8.8	2.7	3.3	2.9	3.3	
24	1.5	1.7	2.1	e2.5	1.9	2.6		11	3.5	3.3	2.8	3.5	
25	1.6	1.6	2.1	2.5	2.0	2.7	2.7	11	3.2	3.4	2.9	3.5	
26	1.7	1.5	2.1	2.4	1.9	4.7	3.8	9.8	2.7	3.4	2.9	3.4	
27	1.7	1.5	2.1	e2.5	2.0	3.5	2.4	10	2.8	3.3	2.9	3.3	
28	1.7	1.4	e2.0	e2.5	2.0	2.7	2.6	9.9	2.7	3.3	2.9	3.4	
29	1.6	1.4	e2.0	2.5		2.6	2.4	10	2.8	3.4	2.9	3.5	
30	1.6	1.4	2.2	2.4		2.9	2.3	9.3	2.9	3.4	3.0	3.4	
31	1.4		e2.0	2.5		3.5		8.6		3.4	2.9		
TOTAL	70.8	58.4	57.0	65.1	58.9	75.1		212.1	114.8	102.2	96.6	92.3	
MEAN	2.28	1.95	1.84	2.10	2.10	2.42	2.81	6.84	3.83	3.30	3.12	3.08	
MAX	3.4	5.9	2.2	2.5	2.7	4.7	4.5	11	7.8	3.6	3.7	3.5	
MIN	1.4	1.4	1.4	1.9	1.9	1.9	2.3	2.3	2.1	2.9	2.8	2.8	
AC-FT	140	116	113	129	117	149	167	421	228	203	192	183	
STATIST	ICS OF MC	NTHLY MEA	N DATA F	OR WATER :	YEARS 1974	- 200	3, BY WATE	R YEAR (WY)				
MEAN	2.26	2 40	2.29	2.48	2.82	2.86	5.04	8.20	6.49	3.30	2.36	2.18	
	5.42	2.40 6.55	5.83	2.48 8.74	10.3			20.7		11.7	7.22		
MAX						6.10			27.4			5.06	
(WY)	1984	1984	1984	1997	1986	1986		1997	1983	1983	1983	1983	
MIN	0.97 2002	0.94	1.08	1.01	1.04	1.29		1.08	0.93	0.86	0.67	0.70	
(WY)	2002	1991	1995	1995	1992	1991	1991	1992	1992	1977	1977	1977	
SUMMARY	STATISTI	CS	FOR	2002 CALE	NDAR YEAR		FOR 2003	WATER YEAR	!	WATER YEAR	RS 1974 -	2003	
ANNUAL	TOTAL			991.5			1087.						
ANNUAL	MEAN			2.7	2		2.	98		3.5	7		
HIGHEST	ANNUAL M	IEAN								7.6	7	1983	
	ANNUAL ME									1.4		1992	
HIGHEST	DAILY ME	EAN		8.9	Apr 14		11	May 24		65	Feb 16	1986	
	DAILY MEA				Jan 1			4 Oct 15			8 Sep 9		
		MINIMUM		1.4				4 Nov 27			9 Sep 13		
	PEAK FLO						13			89			
	PEAK STA							84 May 14			4 Feb 16		
	RUNOFF (A			1970			2160			2580	0	-	
	ENT EXCEE			4.6			3.			7.3			
	ENT EXCEE			2.3			2.			2.4			
	ENT EXCEE			1.4			1.			1.2			
20 I DIC	ncbb			1.1			Τ.	-		1.2			

e Estimated

10348700 WASHOE LAKE NEAR CARSON CITY, NV

 $LOCATION.--Lat~39^{\circ}14'08", long~119^{\circ}46'02", in~NE~^{1}/_{4}~SE~^{1}/_{4}~sec.19,~T.16~N.,~R.20~E.,~Washoe~County,~Hydrologic~Unit~16050102,~at~Washoe~Lake~State~Park,~and~4.75~mi~north~of~Carson~City.$

DRAINAGE AREA.--83.8 mi², including Little Washoe Lake.

PERIOD OF RECORD.--April 1963 to September 1982, July 1988 to January 1989, July and August 1989, October 1989, March 1990 to February 1995 (monthend contents only), October 1982 to June 30, 1988, February 19 to July 17, and September 1-30, 1989, November 17, 1989 to February 21, 1990, March 24, 1995 to current year (daily elevations).

GAGE.--Water-stage recorder. Datum of gage is above NGVD of 1929. Prior to October 1, 1982, nonrecording gage at different site but same datum.

REMARKS.--Lake is formed by a natural basin whose natural rim falls below the control works on Little Washoe Lake allowing storage regulation. Total capacity 55,700 acre-ft between elevations 5,017.5 ft and 5,032.7 ft. Figures given herein represent total contents including Scripps Wildlife Management Area Marsh. Two transarea diversions enter the lakes, one from Galena Creek and one from Third Creek into Ophir Creek. Franktown Creek is diverted into the Virginia City-Carson City pipeline and during dry years additional water is pumped from Marlette Lake into Hobart Reservoir and released into Franktown Creek for diversion into the Virginia City-Carson City pipeline at Red House. See schematic diagram of Pyramid and Winnemucca Lakes Basin. Lake elevations may be affected by wind and seiche movements of the lake surface.

Capacity table (elevation, in feet, and volume, in acre-feet)

 $EXTREMES\ FOR\ PERIOD\ OF\ RECORD.-- Maximum\ elevation, 5,032.62\ ft,\ January\ 28,\ 1997;\ no\ contents\ at\ times\ some\ years.$

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 5,022.73 ft, March 28; minimum observed, 5020.55 ft, August 28.

		5,01 5,01 5,02 5,02	19 8 20 2,2		5,023	7,000 10,000 13,400 17,300	5,02 5,02 5,02 5,02	7 26,6 8 32,0	00 ! 00 !	5,030 5,031 5,032 5,032.7	43,300 49,200 55,700 60,600	
			ELEV	ATION (FE			AR OCTOBE		SEPTEMBI	ER 2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		5021.09			5022.44	5022.52	5022.65	5022.60	5022.40			
2					5022.40	5022.69	5022.63	5022.61	5022.42			
3					5022.42	5022.55	5022.59	5022.52	5022.42			
4					5022.41	5022.53	5022.34	5022.57	5022.42			
5					5022.42	5022.47	5022.31	5022.66	5022.32			
6				5021.97	5022.40	5022.52	5022.35	5022.59	5022.39			
7	5021.33				5022.43	5022.52	5022.36	5022.46	5022.38			
8					5022.44	5022.52	5022.38	5022.62	5022.33			
9					5022.47	5022.52	5022.39	5022.57	5022.33			
10				5022.19	5022.42	5022.55	5022.36	5022.55	5022.32			
11				5022.18	5022.43	5022.52	5022.38	5022.62	5022.32			
12				5022.19	5022.44	5022.50	5022.44	5022.58	5022.28			
13				5022.23	5022.44	5022.61	5022.46	5022.54	5022.24			
14				5022.24	5022.51	5022.35	5022.52	5022.53	5022.25			
15				5022.23	5022.41	5022.50	5022.55	5022.56	5022.19			
16				5022.24	5022.46	5022.57	5022.58	5022.55	5022.16			
17				5022.24	5022.51	5022.53	5022.62	5022.48	5022.19			
18				5022.23	5022.46	5022.45	5022.64	5022.48	5022.18			
19				5022.23	5022.50	5022.45	5022.64	5022.45	5022.09			
20				5022.24	5022.51	5022.44	5022.68	5022.44	5022.12			
21				5022.26	5022.49	5022.42	5022.69	5022.43	5022.07			
22				5022.20	5022.51	5022.33	5022.68	5022.42	5022.01			
23				5022.32	5022.53	5022.38	5022.73	5022.39	5022.04			
24				5022.31	5022.50	5022.39	5022.63	5022.37	5022.00			
25				5022.32	5022.53	5022.34	5022.66	5022.39				
26				5022.26	5022.53	5022.71	5022.64	5022.40				
27				5022.33	5022.52	5022.72	5022.61	5022.37	5021.97			
28				5022.40	5022.54	5022.73	5022.55	5022.36			5020.55	
29		5021.34		5022.40		5022.72	5022.64	5022.32	5022.01			
30		e5021.35		5022.38		5022.70	5022.62	5022.44	5022.01			e5020.73
31	e5021.09		e5021.85	5022.36		5022.65		5022.38		e5021.17	e5020.57	
MAX					5022.54	5022.73	5022.73	5022.66				
MIN					5022.40	5022.33	5022.31	5022.32				
+	4480	5070	6550	8080	8620	8950	8860	8140	7030	4650	3400	3730
##	-900	+590	+1480	+1530	+540	+330	-90	-720	-1110	-2380	-1250	+330

CAL YR 2002 MAX 5024.34 MIN 5021.09 ## -4940 WTR YR 2003 MAX 5022.73 MIN 5022.73 ## -1650

e Estimated

⁺ Contents in acre-feet, at end of month.

^{##} Change in contents, in acre-feet.

10348800 LITTLE WASHOE LAKE NEAR STEAMBOAT, NV

 $LOCATION.-Lat~39^{\circ}19^{\prime}45^{\circ},~long~119^{\circ}48^{\prime}00^{\circ},~in~NE~^{1}/_{4}~NW~^{1}/_{4}~sec.~24,~T.17~N.,~R.19~E.,~Washoe~County,~Hydrologic~Unit~16050102,~at~outlet~(head~of~Steamboat~Creek),~and~5.5~mi~southwest~of~Steamboat.$

DRAINAGE AREA.--83.8 mi².

PERIOD OF RECORD.--April 1963 to September 1970, October 1982 to current year (monthly observations only), October 1970 to September 1982 (daily elevations).

GAGE.--Nonrecording gage. Datum of gage is above NGVD of 1929. From October 1970 to September 1982, recording gage at same site and datum

REMARKS.--Lake is formed by a natural basin supplemented by a control works downstream from the natural rim which provides storage regulation for both Little Washoe Lake and Washoe Lake. See additional remarks under "Washoe Lake (station 10348700)." See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 5,031.8 ft³/ s, April 1, 1986; no contents September 13 to December 3, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 5,026.3 ft, May 2; minimum observed, 5,022.6 ft, November 1.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

	Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September	30	5,022.9	46	
October	31	5,022.6	34	-12
November	30	5,023.4	80	+46
December	31	5,024.6	170	+90
CALENDA	R YEAR 2002			-10
January	31	5,025.5	250	+80
February	28	5,025.8	280	+30
March	31	5,026.2	320	+40
April	30	5,026.3	330	+10
May	31	5,025.9	290	-40
June	30	5,025.3	230	-60
July	31	5,024.5	160	-70
August	31	5,023.8	110	-50
September	30	5,023.4	80	-30
WATER Y	EAR 2003			+34

 ${\tt NOTE.--Monthend\ elevations\ are\ interpolated\ from\ readings\ made\ during\ the\ year.}$

10348850 GALENA CREEK AT GALENA STATE PARK, NV

 $LOCATION.-Lat\ 39^{\circ}21'16", long\ 119^{\circ}51'27", in\ SE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.9, T.17\ N., R.19\ E., Washoe\ County,\ Hydrologic\ Unit\ 16050102, on\ right\ bank,\ at\ Galena\ State\ Park,\ 0.2\ mi\ west\ of\ State\ Highway\ 431,\ and\ 3.5\ mi\ northwest\ of\ Washoe\ City.$

DRAINAGE AREA.--7.69 mi².

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,320 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Pyramid and Winnemucca Lakes Basin. EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,610 ft³/ s, January 2, 1997, gage height, 5.54 ft, from slope-area measurement of peak flow; minimum daily, 2.6 ft³/ s, September 4, 14-16, 18-20, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 40 ft^3 / s and maximum (*):

			Discharge Gage height						Discha	rge Gage l	height		
		Date	e Time	(ft^3/s)	(ft)			Time		s) (f	/		
		June 1	1645	78	11.65		No other	peaks g	reater tha	in base disch	arge		
		DISC	HARGE, CU	BIC FEET PE		WATER Y		ER 200	2 TO S	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP
1	4.2	e7.9	4.0	e4.7	5.4	4.4	6.7		6.3	57	9.1	5.6	6.7
2	4.2	e7.8	4.0	4.7	5.3	e4.5	6.3		6.4	53	8.7	6.0	6.7
3	4.2	e7.5	4.1	4.8	e5.0	4.4	e6.2		6.4	50	8.3	5.6	7.6
4	4.4	e7.3	4.1	4.8	e4.3	4.4	e5.8		6.4	47	7.9	5.5	8.3
5	4.1	e7.0	4.2	4.8	e3.7	4.5	e5.6		6.6	45	7.6	5.1	7.1
6	3.9	e6.7	4.3	4.7	e3.0	4.5	5.6		6.8	43	7.7	4.8	7.7
7	3.6	e6.4	4.2	4.7	e1.2	4.5	5.6		6.8	42	7.4	4.9	6.5
8	3.2	e6.1	e4.2	4.7	e1.9	4.5	6.2		6.6	40	7.0	4.8	6.5
9 10	3.2	5.7 5.4	4.1	e4.6 4.6	e2.8 e3.7	4.6 e4.9	6.7 7.2		6.5	35 30	6.6 6.3	4.9 4.8	4.9 4.3
11	3.3	5.2	3.9	4.6	e4.5	e5.1	7.7		7.1	30	5.6	3.2	5.1
12 13	3.3	5.2 4.5	3.9 e3.5	4.6 4.6	4.9 4.9	e5.3 e5.5	7.5 7.3		8.4 10	29 27	5.2 4.9	3.4	5.2 5.2
	3.8	4.3	e3.3	4.6	4.7	e5.5	e7.4		11	26	5.9	3.3	5.4
14 15	4.1	4.3	e3.3	4.5	4.7	e5.7	7.4		12	24	6.8	3.3	4.7
16	4.2 4.5	4.2 4.1	e2.8 e3.1	4.5	4.8	e5.8 e5.8	6.5 6.5		11 11	23 22	6.6 6.1	3.1	5.2 5.3
17 18	5.0	4.1	e3.1	4.6	5.1	e5.5	6.5		12	21	5.9	3.5	5.8
19	5.7	4.2	e3.4	4.7	4.6	e5.1	6.6		12	20	5.8	4.0	5.7
20	6.4	4.3	e3.7	4.7	4.5	5.1	6.8		14	19	5.8	4.3	5.4
21	7.3	4.3	4.7	4.7	4.5	5.4	6.7		19	17	5.5	5.8	7.3
22	7.5	4.4	4.8	4.8	4.5	5.7	6.4		20	17	e5.7	6.8	5.2
23	7.7	4.4	4.6	5.5	4.5	5.8	6.5		25	16	5.9	6.2	5.1
24	7.8	4.2	4.6	5.2	4.5	5.6	6.6		3 3	15	5.8	6.0	5.0
25	7.8	4.6	4.6	5.1	4.4	5.8	6.6	4	17	14	5.6	5.4	4.7
26	7.9	e4.6	4.7	5.2	4.8	7.1	6.6		37	13	5.3	6.1	4.9
27	8.1	e4.6	5.1	5.9	4.4	6.2	6.4		39	12	5.3	7.0	5.5
28	8.1	e4.6	5.0	5.5	4.5	5.8	6.4		15	11	5.2	6.7	5.4
29	8.1	e4.6	e5.0	5.1		5.9	e6.4		53	10	5.0	6.6	4.6
30 31	8.0 e7.9	5.4	e4.9 e4.8	5.2 5.3		6.4 6.8	6.3		51 52	9.6	5.1 5.3	6.3 6.5	4.7
TOTAL	168.3	157.9	128.0	150.6	120.1	166.5	197.0		94.9	817.6	194.9	156.0	171.7
MEAN	5.43	5.26	4.13	4.86	4.29	5.37	6.57	-	19.2	27.3	6.29	5.03	5.72
MAX	8.1	7.9	5.1	5.9	5.4	7.1	7.7		53	57	9.1	7.0	8.3
MIN	3.2	4.1	2.8	4.5	1.2	4.4	5.6		6.3	9.6	4.9	3.0	4.3
AC-FT	334	313	254	299	238	330	391	-	1180	1620	387	309	341
STATIST	TICS OF M	IONTHLY MEA	N DATA F	FOR WATER Y	EARS 1985	- 2003	B, BY WATE	ER YE.	AR (WY)			
MEAN	7.16	7.14	6.52	13.6	6.66	8.00	13.1		22.2	24.8	14.1	8.08	6.65
MAX	15.9	17.3	12.3	151	13.6	17.1	25.0	4	18.3	58.5	48.0	25.8	15.6
(WY)	1985	1985	1985	1997	1997	1997	1997		1997	1996	1995	1995	1995
MIN	3.25	4.01	4.13	3.86	4.06	5.15	5.04		7.31	4.90	3.59	3.23	3.03
(WY)	2002	2002	2003	1993	1993	2002	1991	:	1992	2001	2001	2001	1991
SUMMARY	STATIST	CICS	FOR	2002 CALEN	DAR YEAR		FOR 2003	WATE	R YEAR	=	WATER YEAR	S 1985	- 2003
ANNUAL	TOTAL			2626.8			3023	. 5					
ANNUAL	MEAN			7.20			8 .	.28			11.5		
	ANNUAL										30.2		1997
	ANNUAL M										5.21		1992
	DAILY M				May 18				Jun 1		900		
	DAILY ME				Dec 16				Feb 7			Feb	
		MUMINIM Y		3.2	Dec 13				Feb 4			Sep 1	
	1 PEAK FL 1 PEAK ST								Jun 1 Jun 1		2610	Jan ' May 2	
	RUNOFF (5210			6000		oun 1		8350	ndy 2	0 1999
	CENT EXCE			15			14				22		
	CENT EXCE			4.9			5.				7.3		
	CENT EXCE			3.6				. 0			4.2		

e Estimated

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV

 $LOCATION.-Lat~39^{\circ}22'40", long~119^{\circ}44'33", in~SE~^{1}/_{4}~SW~^{1}/_{4}~sec. 33, T.18~N., R.20~E., Washoe~County, Hydrologic~Unit~16050102, on~left~bank, downstream of bridge at Rhodes~Road, 250~ft~upstream from Steamboat Ditch,~and~11~mi~southeast~of~Reno.$

DRAINAGE AREA.--123 mi².

PERIOD OF RECORD.--October 1961 to current year.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 4,600 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700). See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,600 ft³/ s, February 17, 1986, gage height, 6.79 ft, from rating curve extended above 954 ft³/s, on basis of slope-area measurement of peak flow; no flow, September 9-15, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 44 ft³/s, May 28, gage height, 1.96 ft; minimum daily discharge 0.04 ft³/s, October 1.

	DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES											
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	2.5	2.0	8.4	4.9	3.1	3.0	1.5	27	2.3	0.83	0.48
2	0.19	2.3	1.8	7.8	5.0	2.9	3.1	1.5	26	2.3	1.5	0.32
3	0.10	1.9	1.7	7.8	4.9	3.2	3.4	1.6	25	2.5	1.8	0.38
4				6.2		3.6	3.5	1.3		2.6		
	0.27	1.2	1.9		5.0				26		1.0	0.62
5	0.31	1.2	1.8	6.5	5.1	3.4	3.2	1.2	25	2.5	0.74	1.2
6 7	0.16	1.2	1.8	5.9 5.7	5.8 6.3	3.3	3.0	1.3	23 24	1.8 1.5	0.85 0.72	0.88
8	0.08	14	1.8	6.3	5.8	3.3	1.7	2.1	22	1.4	0.72	0.63
9		6.8		6.1	6.3	3.2	1.3	1.6	23	1.5	0.52	
	0.17		2.0									0.70
10	0.05	3.2	2.0	6.5	6.5	3.3	1.1	1.9	21	1.3	0.57	0.91
11	0.08	2.4	2.0	6.2	6.7	3.4	1.2	1.5	18	1.1	0.54	0.79
12	0.11	2.1	1.9	5.5	6.3	3.5	1.6	1.4	18	1.2	0.36	0.72
13	0.30	1.9	1.8	5.5	4.8	3.5	4.7	2.1	16	1.1	0.23	0.46
14	0.20	1.8	2.9	5.4	3.7	3.8	3.4	3.4	15	1.0	0.32	0.77
15	0.30	1.7	5.3	5.3	3.4	5.5	1.9	6.0	14	0.89	0.27	0.71
16	0.33	1.7	14	5.1	4.0	4.9	2.7	5.2	12	0.68	0.18	0.50
17	0.14	1.8	11	5.1	3.5	4.4	2.4	5.8	11	0.83	0.11	0.60
18	0.10	1.6	7.5	5.0	3.3	4.1	1.8	6.4	9.0	0.68	0.13	0.67
19	0.09	1.3	6.5	4.8	3.4	4.2	1.9	4.6	9.6	0.44	0.12	0.65
20	0.13	1.3	6.5	4.5	3.2	3.9	1.5	5.5	7.9	0.51	0.09	0.61
21	0.19	1.6	6.6	4.5	3.0	3.8	1.6	9.2	7.6	0.70	0.60	0.67
22	0.52	1.9	6.4	4.5	3.0	4.0	1.4	12	7.3	0.69	1.8	0.64
23	0.54	1.8	6.2	5.0	3.0	4.1	1.5	14	7.5	1.1	1.1	0.59
24	0.54	1.7	5.4	5.8	3.0	4.0	2.0	19	9.3	1.2	0.98	0.59
25	0.63	1.7	5.3	4.9	3.0	4.0	2.1	19	8.3	1.1	0.54	0.56
26	0.68	1.6	5.3	4.8	2.9	4.5	1.5	18	8.2	0.90	0.58	0.51
27	0.64	1.7	6.7	5.0	3.2	4.3	1.4	17	6.0	0.90	0.84	0.43
28	0.72	1.9	7.9	5.4	2.9	3.8	1.4	26	5.0	0.89	0.46	0.61
29	0.73	1.9	7.1	4.9		3.8	1.3	33	3.3	0.69	0.50	0.60
30	1.1	1.9	7.1	4.8		3.8	1.4	33	3.3	0.59	0.54	0.57
31	2.8		10	4.8		3.6		30		0.66	0.44	
moma r	10 45	TO 0	150 1	184 0	101 0	115 5	64.6	007 5	420.2	25 55	10.04	10.05
TOTAL	12.47	70.9	152.1	174.0	121.9	117.7	64.6	287.5	438.3	37.55	19.84	19.05
MEAN	0.40	2.36	4.91	5.61	4.35	3.80	2.15	9.27	14.6	1.21	0.64	0.64
MAX	2.8	14	14	8.4	6.7	5.5	4.7	33	27	2.6	1.8	1.2
MIN	0.04	1.2	1.7	4.5	2.9	2.9	1.1	1.2	3.3	0.44	0.09	0.32
AC-FT	25	141	302	345	242	233	128	570	869	74	39	38
STATIST	rics of Mo	NTHLY MEA	AN DATA F	OR WATER Y	EARS 1962	- 2003,	BY WATER	YEAR (WY)				
MEAN	7.39	8.98	12.4	21.6	27.6	28.8	26.7	31.4	37.7	21.1	10.8	8.12
MAX	41.6	85.0	149	247	241	187	146	132	223	176	10.8	57.5
(WY)	1984	1984	1984	1997	1997	1986	1986	1983	1983	1983	1983	1983
MIN	0.075	1.12	2.23	3.04	2.20	2.23	1.61	0.68	0.61	0.21	0.010	0.010
(WY)	2002	1991	1991	1962	1991	2001	1988	1992	1992	1988	2001	2001
									2332			
SUMMARY	Z STATISTI	CS	FOR	2002 CALE	NDAR YEAR	F	OR 2003 W	ATER YEAR		WATER YEA	RS 1962 -	2003
ANNUAL				1090.36			1515.91					
ANNUAL				2.99)		4.15			20.2		
	C ANNUAL M									115		1983
	ANNUAL ME										2	
	C DAILY ME				Nov 8			May 29			Feb 17	
	DAILY MEA) Aug 23			0ct 1			0 Sep	
ANNUAL	SEVEN-DAY	MINIMUM		0.01	L Aug 17			0ct 6		0.0	0 Sep	1977
MAXIMUM	M PEAK FLO	W						May 28			Feb 17	
MAXIMUM	M PEAK STA	.GE					1.96	May 28		6.7	'9 Feb 17	1986
ANNUAL	RUNOFF (A	C-FT)		2160			3010			14600		
10 PERC	CENT EXCEE	DS		7.2			8.3			63		
	CENT EXCEE			2.3			2.1			6.1	_	
	CENT EXCEE			0.01			0.46			1.0		

10349495 STEAMBOAT CREEK AT GEIGER GRADE NEAR STEAMBOAT, NV

 $LOCATION.--Lat\ 39^{\circ}24'19", long\ 119^{\circ}44'38", in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.\ 28,\ T.18\ N.,\ R.20\ E.,\ Washoe\ County,\ Hydrologic\ Unit\ 16050102,\ on\ left\ bank\ 0.1\ miles\ east\ of\ the\ junction\ of\ State\ Route\ 341\ (Geiger\ Grade)\ and\ U.S.\ 395\ near\ Steamboat,\ NV.$

DRAINAGE AREA.-- 140 mi², approximately.

PERIOD OF RECORD.--May to September 1982, May 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,543 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700). See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 135 ft³/s, June 19, 1982; no flow June 21, 29, 30, July 1, 9-23, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum daily discharge, 3,600 ft³/s, February 17, 1986, from slope-area determination in vicinity of present gage.

EXTREMES FOR CURRENT YEAR.-- Maximum discharge, 32 ft³/s, December 16, gage height, 8.02 ft; no flow, several days in June and July.

DATE			DISCHA	RGE, CUBI	C FEET PER	SECOND,		YEAR OCTOBER VALUES	_		ER 2003		
2 0.56 0.33 1.3 5.3 3.2 3.0 3.5 1.8 0.16 0.01 0.05 0.15 3 0.16 3 0.04 0.05 0.15 3 0.46 0.55 0.27 1.4 4.1 3.0 3.2 3.0 3.2 3.5 1.8 0.12 0.01 0.05 0.15 4 0.55 0.63 0.26 1.4 4.2 3.2 3.2 3.8 1.5 0.06 0.01 0.03 0.18 5 0.63 0.26 1.4 4.2 3.2 3.2 3.8 1.5 0.05 0.01 0.03 0.18 5 0.63 0.26 1.4 4.2 3.2 3.2 3.8 1.5 0.05 0.01 0.03 0.18 5 0.63 0.26 1.4 4.2 3.2 3.2 3.8 1.5 0.05 0.01 0.03 0.20 1.8 0.46 1.1 1.4 4.0 3.9 3.2 2.5 2.0 0.04 0.01 0.03 0.20 1.8 0.47 6.2 1.4 4.1 4.4 0.3 3.9 3.2 2.5 2.0 0.04 0.00 0.01 0.03 0.20 1.8 0.47 6.2 1.4 4.1 4.4 0.3 3.9 3.2 2.5 2.0 0.04 0.00 0.03 0.20 1.0 0.00 0.00 0.03 0.22 1.0 0.44 2.4 1.8 1.4 4.2 4.8 3.2 2.2 2.1 2.2 0.03 0.00 0.00 0.03 0.22 1.0 0.44 2.4 1.8 1.4 4.2 4.8 3.2 2.2 2.1 2.2 0.03 0.00 0.00 0.03 0.22 1.0 0.44 2.4 1.8 1.4 4.2 4.8 3.2 2.2 2.1 0.0 0.03 0.00 0.00 0.03 0.22 1.1 0.24 1.8 1.4 4.2 4.8 3.2 2.2 2.1 0.0 0.03 0.00 0.00 0.03 0.22 1.1 0.0 0.44 2.4 1.8 1.4 4.2 4.8 3.2 2.2 2.1 0.0 0.03 0.00 0.00 0.03 0.23 1.1 0.24 1.8 1.4 4.2 4.8 3.6 4.7 3.3 2.5 1.7 0.03 0.00 0.00 0.02 0.22 0.24 1.2 0.00 0.00 0.00 0.00 0.00 0.00 0.00	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
3	1	0.60	0.35	1.4	5.3	3.1	3.1	3.6	1.8	0.17	0.00	0.04	0.16
4													
S													
6													
The color of the	3	0.03	0.20	1.4	7.2	3.2	3.4	3.0	1.1	0.00	0.01	0.03	0.10
8 0.46 13 1.4 4.0 3.9 3.2 2.5 2.0 0.04 0.01 0.03 0.21 19 0.04 7 6.2 1.4 4.1 4.1 4.2 3.2 2.4 2.0 0.03 0.00 0.03 0.22 10 0.44 2.4 1.5 4.2 4.7 3.2 2.1 2.2 0.03 0.00 0.03 0.02 0.23 11 0.04 2.4 1.5 4.2 4.7 3.2 2.1 2.2 0.03 0.00 0.00 0.03 0.22 11 1 0.24 1.8 1.8 1.4 4.6 4.2 4.7 3.2 2.1 1.2 2.2 0.03 0.00 0.00 0.02 0.23 11 0.00 1.7 1.4 4.6 4.6 4.7 4.3 3.2 2.2 1.1 9 0.03 0.00 0.00 0.02 0.25 11 0.00 1.9 1.7 1.4 4.5 4.0 1.3 3.2 2.5 1.7 0.03 0.00 0.00 0.02 0.25 12 13 0.09 1.7 1.4 4.5 4.6 4.7 1.3 5.4 1.7 0.03 0.00 0.00 0.02 0.25 12 13 0.09 1.7 1.4 1.5 4.0 1.3 5.7 1.7 0.02 0.00 0.00 0.02 0.25 12 15 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.22 0.02 0.00 0.00 0.02 0.24 15 15 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.22 0.02 0.00 0.00 0.02 0.24 15 15 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.22 0.02 0.00 0.00 0.03 0.25 14 0.10 19 1.5 7.1 3.5 3.4 4.0 2.8 0.15 0.02 0.00 0.03 0.25 16 0.00 1.8 1.5 7.1 3.5 3.4 4.0 0.28 0.15 0.00 0.00 0.03 0.25 18 0.00 0.18 1.3 4.2 3.1 3.4 3.3 3.7 2.3 0.15 0.01 0.00 0.03 0.22 19 0.18 1.3 4.2 3.1 3.4 3.3 3.7 2.3 0.15 0.01 0.00 0.00 0.03 0.22 12 0.00 0.18 1.3 4.2 3.1 3.4 3.3 3.7 2.3 0.15 0.01 0.00 0.00 0.00 0.28 12 0.00 0.00 0.02 0.28 12 0.00 0.00 0.00 0.02 0.28 12 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.02 0.28 12 0.00 0.00 0.00 0.02 0.28 12 0.00 0.00 0.00 0.02 0.28 12 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.00 0.00 0.28 12 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0													
9 0.47 6.2 1.4 4.1 4.1 4.4 3.2 2.4 2.0 0.03 0.00 0.03 0.22 11 0.04 2.4 1.5 4.2 4.7 3.2 2.1 2.2 0.0 0.03 0.00 0.03 0.22 11 0.024 1.8 1.4 4.2 4.8 3.2 2.2 1.9 0.03 0.00 0.00 0.02 0.24 12 0.20 1.7 1.4 3.6 4.7 3.3 2.5 5 1.7 0.03 0.00 0.00 0.02 0.25 13 0.19 1.7 1.4 3.6 4.7 3.3 2.5 5 1.7 0.03 0.00 0.00 0.02 0.25 14 0.19 1.7 1.4 3.6 4.7 3.3 2.5 5 1.7 0.03 0.00 0.00 0.02 0.25 14 0.19 1.6 2.0 3.5 3.6 3.2 3.6 4.7 0.3 5 0.6 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.03 0.25 14 0.19 1.5 5.6 3.6 3.1 4.8 2.5 0.21 0.00 0.00 0.00 0.03 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.00 0.00 0.00 0.02 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.00 0.00 0.00 0.02 0.25 12 0.00 0.00 0.03 0.25 12 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0													
10 0 0.44 2.46 1.5 4.2 4.7 3.2 2.1 2.2 0.03 0.00 0.03 0.03 0.23 11 0 0.24 1.8 1.4 4.2 4.8 3.2 2.2 1.9 0.03 0.00 0.00 0.02 0.24 12 0.20 1.7 1.4 3.5 4.0 3.3 5.7 1.7 0.02 0.00 0.02 0.25 13 0.19 1.7 1.4 3.5 4.0 3.3 5.7 1.7 0.02 0.00 0.02 0.25 14 0.19 1.5 5.6 3.6 3.1 4.0 3.3 5.7 0.7 0.02 0.00 0.02 0.25 15 0.19 1.5 5.6 3.6 3.1 4.0 2.8 0.15 0.05 0.00 0.00 0.02 0.25 16 0.18 1.5 5.6 3.6 3.1 4.0 2.8 0.15 0.02 0.00 0.03 0.05 16 0.18 1.5 7.1 3.5 3.4 4.0 2.8 0.16 0.02 0.00 0.03 0.25 18 0.19 1.5 7.1 3.5 3.4 4.0 2.8 0.16 0.02 0.00 0.03 0.25 18 0.19 1.5 7.1 3.5 3.4 4.0 2.8 0.16 0.02 0.00 0.03 0.25 18 0.19 1.5 4.9 3.4 3.3 3.7 2.3 0.15 0.01 0.00 0.03 0.25 19 0.18 1.3 4.2 3.3 3.4 3.7 2.3 0.15 0.01 0.00 0.03 0.25 19 0.18 1.3 4.2 3.3 3.1 3.3 3.6 2.0 0.16 0.01 0.00 0.03 0.28 20 0.18 1.2 4.3 3.3 3.1 3.3 3.5 2.0 0.16 0.01 0.00 0.03 0.28 21 0.22 1.3 4.4 3.0 3.1 3.4 1.9 0.13 0.00 0.00 0.00 0.03 0.28 22 0.21 1.5 4.2 3.0 3.1 3.5 3.1 3.2 0.0 0.10 0.00 0.00 0.03 0.28 22 0.22 1.3 4.4 3.5 3.7 3.2 3.6 2.0 0.11 0.00 0.00 0.01 0.00 0.28 22 0.22 1.3 3.4 4.0 3.2 3.1 3.5 2.0 0.11 0.00 0.00 0.01 0.00 0.28 22 0.22 1.3 3.5 3.7 3.2 3.6 2.0 0.11 0.00 0.00 0.01 0.00 0.03 28 0.22 1.3 3.5 3.7 3.2 3.6 2.0 0.11 0.00 0.00 0.01 0.00 0.03 28 0.22 1.3 3.5 3.7 3.2 3.6 2.0 0.11 0.00 0.00 0.01 0.00 0.01 0.00 0.02 29 0.24 1.4 4.0 3.5 3.7 3.2 3.6 2.0 0.11 0.00 0.00 0.02 0.14 0.17 28 0.22 1.3 3.5 3.1 3.1 3.1 3.9 1.9 0.11 0.00 0.00 0.02 0.14 0.17 28 0.22 1.3 3.5 3.1 3.3 3.4 2.5 0.0 0.11 0.00 0.00 0.00 0.00 0.00 0.0													
12													
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17	16	0 18	1 5	1.8	3 5	3 6	4 4	2 7	0 18	0 02	0 00	0 03	0.24
18													
Column													
21	19	0.18	1.3	4.2	3.3	3.4	3.7	2.3		0.01	0.00	0.03	0.28
1.5	20	0.18	1.2	4.3	3.1	3.3	3.6	2.0	0.16	0.01	0.00	0.04	0.28
1	21	0.22	1.3	4.4	3.0	3.1	3.4	1.9	0.13	0.00	0.00	0.09	0.28
1.4	22	0.21	1.5	4.2	3.0	3.1	3.5	1.9	0.12	0.01	0.00	0.15	0.24
1.0 1.0													
26 0.22 1.3 3.5 3.1 3.1 3.1 3.9 1.9 0.11 0.02 0.02 0.14 0.14 27 0.23 1.3 5.4 3.1 3.3 4.2 1.7 0.10 0.01 0.02 0.14 0.14 28 0.24 1.5 5.2 3.4 3.1 3.3 4.2 1.7 0.10 0.01 0.02 0.14 0.14 28 0.24 1.5 5.2 3.4 3.1 3.7 1.7 0.09 0.01 0.03 0.14 0.12 29 0.24 1.4 5.0 3.2 3.7 1.6 0.11 0.0 0.02 0.14 0.12 30 0.25 1.4 4.9 3.0 3.7 1.6 0.14 0.00 0.01 0.02 0.14 0.12 31 0.32 8.5 3.0 3.7 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 8.5 3.0 3.7 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.0 3.0 3.7 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.0 3.0 3.7 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.0 3.0 3.7 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.0 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.0 1.6 0.14 0.00 0.01 0.14 0.12 31 0.32 1 8.5 3.68 3.50 3.56 2.71 0.83 0.036 0.007 0.09 0.20 MAX 0.63 13 18 5.3 4.8 4.8 4.8 5.7 2.2 0.17 0.03 0.15 0.28 MIN 0.18 0.24 1.3 3.0 3.0 3.0 3.0 1.6 0.09 0.00 0.00 0.00 0.02 0.12 AC-FT 19 105 230 226 195 219 161 51 2.1 0.5 4.2 12 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 0.46 1.42 3.27 2.96 2.98 2.91 1.77 20.8 22.4 17.0 3.79 4.61 MAX 0.62 1.76 3.75 3.68 3.50 3.56 2.71 61.2 88.8 67.2 14.5 16.7 (WY) 2002 2003 2003 2003 2003 2003 2003 200													
1	25	0.22	1.3	3.5	3.3	3.1	3.4	2.5	0.11	0.02	0.02	0.14	0.17
28													
29													
30													
31 0.32 8.5 3.0 3.8 0.19 0.02 0.15													
MEAN													
MEAN	TOTAL	9 68	52 80	116 2	114 0	98 1	110 3	81 3	25 68	1 08	0 23	2 14	6 12
MAX 0.63 13 18 5.3 4.8 4.8 5.7 2.2 0.17 0.03 0.15 0.28 MIN 0.18 0.24 1.3 3.0 3.0 1.6 0.09 0.00 0.00 0.02 0.12 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 0.46 1.42 3.27 2.96 2.98 2.91 1.77 20.8 22.4 17.0 3.79 4.61 MAX 0.62 1.76 3.75 3.68 3.50 3.56 2.71 61.2 88.8 67.2 14.5 16.7 (WY) 2002 2003													
AC-FT 19 105 230 226 195 219 161 51 2.1 0.5 4.2 12 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN													
MEAN 0.46 1.42 3.27 2.96 2.98 2.91 1.77 20.8 22.4 17.0 3.79 4.61		0.18	0.24	1.3	3.0	3.0	3.0	1.6	0.09	0.00	0.00	0.02	0.12
MEAN 0.46 1.42 3.27 2.96 2.98 2.91 1.77 20.8 22.4 17.0 3.79 4.61 MAX 0.62 1.76 3.75 3.68 3.50 3.56 2.71 61.2 88.8 67.2 14.5 16.7 (WY) 2002 2003 2003 2003 2003 2003 2003 200	AC-FT	19	105	230	226	195	219	161	51	2.1	0.5	4.2	12
MAX	STATIST	ICS OF M	ONTHLY ME	AN DATA F	OR WATER YE	EARS 1982	- 200	3, BY WATER	YEAR (WY)			
MY	MEAN	0.46	1.42	3.27	2.96	2.98	2.91	1.77	20.8	22.4	17.0	3.79	4.61
MIN 0.31 1.07 2.79 2.25 2.45 2.26 0.83 0.44 0.036 0.007 0.069 0.20 (WY) 2003 2002 2002 2002 2002 2002 2002 200													
(WY) 2003 2002 2002 2002 2002 2002 2002 2002 2003 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>													
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1982 - 2003 ANNUAL TOTAL 446.23 617.63 ANNUAL MEAN 1.22 1.69 1.40 HIGHEST ANNUAL MEAN 1.69 2003 LOWEST ANNUAL MEAN 1.11 2002 HIGHEST DAILY MEAN 1.8 Dec 16 18 Dec 16 1.35 Jun 19 1982 LOWEST DAILY MEAN 0.02 Jul 4 0.00 Jun 21 0.00 Jun 21 2003 ANNUAL SEVEN-DAY MINIMUM 0.04 Jul 2 0.00 Jul 9 0.00 Jul 9 2003 MAXIMUM PEAK FLOW 32 Dec 16 1.35 Jun 19 1982 MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.55													
ANNUAL TOTAL ANNUAL MEAN 1.22 1.69 HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN LOWEST ANNUAL MEAN 1.11 2002 HIGHEST DAILY MEAN 1.11 2002 HIGHEST DAILY MEAN 0.02 Jul 4 0.00 Jun 21							2002						
ANNUAL MEAN 1.22 1.69 1.40 HIGHEST ANNUAL MEAN 1.20 2003 LOWEST ANNUAL MEAN 1.11 2002 HIGHEST DAILY MEAN 1.8 Dec 16 1.8 Dec 16 1.35 Jun 19 1982 LOWEST DAILY MEAN 0.02 Jul 4 0.00 Jun 21 0.00 Jun 21 2003 ANNUAL SEVEN-DAY MINIMUM 0.04 Jul 2 0.00 Jul 9 0.00 Jul 9 2003 MAXIMUM PEAK FLOW 32 Dec 16 1.35 Jun 19 1982 MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52													
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN 1.11 2002 HIGHEST DAILY MEAN 18 Dec 16 Dec 1											1 4	1.0	
LOWEST ANNUAL MEAN 18 Dec 16 18			MEAN		1.22			1.69			1.4	: U	2003
HIGHEST DAILY MEAN 18 Dec 16 18 Dec 16 135 Jun 19 1982 LOWEST DAILY MEAN 0.02 Jul 4 0.00 Jun 21 0.00 Jun 21 2003 ANNUAL SEVEN-DAY MINIMUM 0.04 Jul 2 0.00 Jul 9 0.00 Jul 9 0.00 Jul 9 2003 MAXIMUM PEAK FLOW 32 Dec 16 135 Jun 19 1982 MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 1020 1050 1050 1050 1050 1050 105											1.1	.1	2002
LOWEST DAILY MEAN 0.02 Jul 4 0.00 Jun 21 0.00 Jun 21 2003 ANNUAL SEVEN-DAY MINIMUM 0.04 Jul 2 0.00 Jul 9 0.00 Jul 9 2003 MAXIMUM PEAK FLOW 32 Dec 16 135 Jun 19 1982 MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52	HIGHEST	DAILY M	EAN		18	Dec 16		18	Dec 16				
ANNUAL SEVEN-DAY MINIMUM 0.04 Jul 2 0.00 Jul 9 0.00 Jul 9 2003 MAXIMUM PEAK FLOW 32 Dec 16 135 Jun 19 1982 MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52					0.02	Jul 4		0.00	Jun 21		0.0	00 Jun 2	1 2003
MAXIMUM PEAK STAGE 8.02 Dec 16 8.02 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52					0.04	Jul 2		0.00	Jul 9		0.0	00 Jul	9 2003
ANNUAL RUNOFF (AC-FT) 885 1230 1020 10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52								32	Dec 16		135	Jun 1:	9 1982
10 PERCENT EXCEEDS 2.6 4.0 3.5 50 PERCENT EXCEEDS 0.47 1.3 0.52					885				Dec 16				0 2002
50 PERCENT EXCEEDS 0.47 1.3 0.52													
90 PERCENT EXCEEDS 0.09 0.02 0.03													
	90 PERC	ENT EXCE	EDS		0.09			0.02			0.0)3	

10349849 STEAMBOAT CREEK AT SHORT LANE AT RENO, NV

 $LOCATION.-Lat~39^{\circ}27'57", long~119^{\circ}43'39", in~NE~^1/_4~SW~^1/_4~sec. 34,~T.19~N.,~R.20~E.,~Washoe~County,~Hydrologic~Unit~16050102, on~right~bank,~downstream~of~culvert~over~Short~Lane.$

DRAINAGE AREA .-- Not determined.

PERIOD OF RECORD.--April to September 1982, October 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,415 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700). See schematic diagram of Pyramid and Winnemucca Lakes Basin. Records furnished by Washoe County for 1982 water year and reviewed by U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 149 ft³/s, June 20, 1982; minimum daily, 1.4 ft³/s, July 5-6, 2001.

EXTREMES FOR CURRENT YEAR.-- Maximum discharge, 87 ft³/s, December 16, gage height, 3.03 ft; minimum daily, 1.5 ft³/s, July 31.

DAY			DISC	CHARGE, CUB	IC FEET PI		WATER YE Y MEAN VA	AR OCTOBER	2002 TO SE	EPTEMBER	2003		
2	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
3	1	5.2	4.4	7.6	22	13	8.8	9.2	5.8	19	4.8	1.9	8.5
4		6.5		7.6		13			6.2			3.5	
5													
6 6.5 4.4 6.8 16 9.9 9.0 9.1 6.2 29 4.7 4.1 4.4 7 7.8 4.9 7.0 16 10 8.9 8.8 6.1 31 5.3 7.6 6.5 8 7.2 25 7.1 15 10 8.7 6.8 6.8 1.6 13 1 5.3 7.6 6.8 9 6.5 31 7.0 16 11 8.7 6.7 5.4 22 3.2 3.3 6.8 9 6.5 31 7.0 16 11 8.7 6.7 5.4 22 3.2 3.3 6.8 10 7.6 13 7.4 16 12 8.5 6.8 6.8 6.0 12 27 3.5 4.9 6.6 11 7.6 14 7.3 16 12 8.6 6.0 6.8 6.0 12 27 2.9 6.8 11 3.6 10 7.2 15 14 8.5 5.8 6.0 11 2 3.5 4.2 6.8 11 3.6 10 7.2 15 14 8.5 5.8 6.0 11 2 3.5 4.2 6.8 11 3.6 10 7.2 13 15 8.2 9.2 5.8 6.0 11 2 2.8 2.8 3.1 11 4 3.4 9.8 8.5 11 14 7.9 13 15 8.2 9.2 5.0 12 2.8 2.8 8.1 11 5 3.1 9.2 21 11 13 12 8.8 12 11 3.0 5.0 5.1 11 16 2.9 9 9.2 55 11 14 17 7.2 15 14 8.5 5.8 6.0 1.1 12 3.0 5.1 11 17 2.9 8.8 46 11 122 10 8.8 9.9 9.9 2.3 4.9 6.9 18 3.1 7.8 25 11 10 9.0 7.7 9.9 8.5 11 14 6.2 10 8.0 9.2 9.9 2.3 4.9 6.0 19 3.2 7.2 20 11 11 8.6 7.1 13 7.5 1.9 4.3 7.8 19 3.2 7.2 20 11 11 8.6 7.1 13 7.5 1.9 4.3 7.8 20 3.3 6.9 18 10 10 8.9 9.0 9.7 7.9 9.8 5.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 9.0 9.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 9.0 8.9 9.2 2.3 7.5 1.9 4.3 7.8 20 3.3 6.9 18 10 10 8.9 8.9 6.9 6.0 2.5 5.7 5.8 21 3.5 6.9 18 11 9.3 9.4 6.9 9.8 9.6 6.0 2.5 5.7 5.8 5.8 22 3.3 7.5 18 11 9.3 9.4 6.9 9.8 9.6 6.0 2.5 5.7 5.8 5.8 23 3.4 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 6.0 2.5 5.7 5.8 5.8 24 3.5 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 6.0 2.5 5.7 5.8 5.8 24 3.5 7.7 17 11 19 9.1 9.0 6.9 8.8 9.6 6.0 2.5 5.7 5.8 5.8 25 3.6 6.9 15 14 8.5 9.3 6.7 13 9.2 2.7 5.6 6.1 26 3.2 6.6 6.9 15 14 8.5 9.3 6.7 13 9.2 2.7 5.6 6.1 27 28 3.3 6.7 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 7.0 2.5 1.8 5.9 5.9 28 3.3 6.7 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 6.0 2.5 5.7 5.8 5.9 6.1 29 3.4 6.6 9 14 14 14 9.4 6.0 15 5.8 12 8.6 6.1 1.5 5.9 1.1 1.5 5.9													
8 7.2 25 7.1 15 10 8.7 6.8 6.1 31 5.3 7.6 6.5 6.5 9 6.5 31 7.0 16 11 8.7 6.8 5.8 19 6.5 31 7.0 16 11 8.7 6.8 5.8 19 4.0 3.3 6.8 9 6.5 31 7.0 16 11 8.7 6.8 5.8 19 4.0 3.3 6.8 6.7 10 7.6 19 7.4 16 12 8.5 6.8 6.8 6.5 17 3.5 4.0 6.6 6.7 11 7.6 14 7.3 16 12 8.5 6.8 6.8 6.5 17 3.5 4.0 6.6 6.7 11 7.6 14 7.2 15 14 8.5 5.8 1.8 6.0 11 2.77 2.9 6.8 13 3.6 10 7.2 13 15 8.2 9.2 5.0 12 2.8 2.8 2.8 8.1 14 4 7.9 9.9 7.4 8.6 2.8 3.3 9.1 15 3.3 6.7 10 7.2 13 15 8.2 9.2 5.0 12 2.8 2.8 2.8 8.1 14 3.4 9.2 11 11 13 12 8.8 12 12 11 3.0 5.1 11 15 3.1 9.2 21 11 13 12 8.8 12 12 11 3.0 5.1 11 17 12 9.9 8.8 1.1 14 7.9 9.9 7.4 8.6 2.8 2.8 3.3 9.1 15 3.1 9.2 21 11 13 12 8.8 12 12 11 3.0 5.1 11 17 12 9.9 8.8 1.1 14 7.9 9.9 7.4 8.6 2.8 2.8 2.8 8.1 11 14 7.9 9.9 7.4 8.6 2.8 2.8 2.8 8.1 11 14 7.9 9.9 7.4 8.6 2.8 2.8 2.8 8.1 11 14 7.9 9.9 9.9 7.4 8.6 2.8 2.8 2.8 8.1 11 14 7.9 9.9 9.9 7.4 8.6 2.8 2.8 2.8 8.1 11 12 12 10 8.0 9.2 19.9 2.3 4.9 6.9 11 11 11 11 11 11 11 11 11 11 11 11 11	5	6.5	4.4	6.9	17	9.6	9.4	9.0	6.6	22	4.1	4.0	4.7
8 7.2 25 7.1 15 10 8.7 6.8 5.8 19 4.0 3.3 6.8 9 6.6 6.5 31 7.0 16 11 8.7 6.7 6.7 5.4 22 3.2 3.2 3.3 6.7 10 7.6 19 7.4 16 12 8.5 6.8 6.5 17 3.5 3.2 3.2 6.8 6.6 11 7.0 7.6 19 7.4 16 12 8.5 6.8 6.5 17 3.5 3.2 3.2 6.8 6.6 6.6 11 7.0 3.5 4.9 6.6 6.6 11 7.0 3.5 4.2 6.5 11 7.0 11 7.0 14 7.3 15 12 8.5 6.8 6.5 17 3.5 4.2 6.5 6.5 17 3.5 4.2 6.5 11 7.0 12 7.0 1													
9 6.5 31 7.0 16 12 8.7 6.7 5.4 22 3.2 3.3 3.3 6.7 10 7.6 19 7.4 16 12 8.5 6.8 6.5 17 3.5 4.9 6.6 11 7.6 14 7.3 16 12 8.5 6.8 6.5 17 3.5 4.9 6.6 11 7.6 14 7.3 16 12 8.5 6.8 6.8 6.5 17 3.5 4.2 6.5 11 7.7 2.9 6.8 11 7.2 13 14 8.5 5.8 6.0 11 2.7 2.9 6.8 11 13 3.5 4.2 6.5 11 14 7.2 13 14 8.5 5.8 6.0 11 2.7 2.9 6.8 11 14 3.4 6.5 1.8 6.0 11 2.7 2.9 6.8 11 13 3.1 12 8.8 12 11 12 1.0 12 8.8 12 11 12 1.0 12 8.8 12 11 12 1.0 12 8.8 12 11 12 1.0 12 8.8 12 11 12 1.0 12 8.8 12 11 12 1.0 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 11 12 12 12 8.8 12 12 12 12 12 8.6 12 8 12 12 12 12 8 12 12 12 12 8 12 12 12 12 12 12 12 12 12 12 12 12 12													
10 7.6 19 7.4 16 12 8.5 6.8 6.5 17 3.5 4.9 6.6 11 7.6 14 7.3 16 12 8.6 6.0 6.0 6.4 13 3.5 4.2 6.5 11 7.6 14 7.3 16 12 8.6 6.0 6.0 6.4 13 3.5 4.2 6.5 12 4.3 11 7.2 15 14 8.5 5.8 6.0 11 2.7 2.9 6.8 13 3.6 10 7.2 13 15 8.2 9.2 5.0 12 2.8 2.8 8.1 14 3.4 9.8 6.5 11 14 7.9 9.9 7.4 8.6 2.8 2.8 3.3 9.1 15 3.1 9.2 21 11 13 12 12 8.8 12 11 3.0 2.8 8.3 12 11 3.0 5.1 11 16 2.9 9.2 55 11 14 12 10 8.0 9.2 19.9 2.3 4.9 6.9 17 2.9 8.8 46 11 12 10 8.0 9.2 19.9 2.3 4.9 6.9 18 3.1 7.8 25 11 10 9.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 10 9.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 8.6 7.1 13 7.5 1.9 4.3 7.8 20 3.3 6.9 18 10 10 8.9 6.9 9.9 7.7 19.9 8.5 1.9 4.6 7.8 21 3.5 6.9 18 11 9.3 8.8 6.9 8.9 6.0 2.5 5.7 5.8 22 3.3 7.5 18 11 9.3 9.4 6.9 9.6 7.0 2.1 8.9 5.9 23 3.4 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 0.0 2.5 5.7 5.8 22 3.3 7.5 18 11 9.3 9.4 6.9 9.6 7.0 2.1 8.9 5.9 23 3.4 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 7.0 2.1 8.9 5.9 24 3.5 7.5 15 12 8.6 9.7 6.7 10 11 3.0 4.2 7.5 25 3.6 6.9 15 14 8.7 9.9 9.5 6.7 10 11 3.0 4.2 7.5 26 3.2 6.6 15 15 8.6 9.9 4 6.7 10 11 3.0 4.2 7.5 26 3.2 6.6 15 15 15 8.6 9.4 6.7 13 9.2 2.7 5.6 6.1 26 3.2 6.6 15 5 15 8.6 9.9 4 6.7 10 11 3.0 4.6 2.5 5.6 6.1 27 3.3 6.4 16 14 9.0 9.6 6.7 10 11 3.0 4.2 7.5 28 3.5 6.8 15 14 8.7 9.3 6.3 13 4.6 2.2 7.7 1.7 5.9 6.3 28 3.5 6.8 15 14 8.7 9.3 6.3 13 4.6 2.5 6.5 1.3 6.6 29 3.4 6.9 14 14 9.4 6.0 15 5.5 15 6.5 6.5 4.3 30 3.4 7.1 15 13 3 9.5 5.8 19 4.7 1.6 6.8 1.5 9.3 31 3.7 25 13 1 9.5 5.8 19 4.7 1.6 6.8 1.5 9.3 31 3.7 25 13 1 9.5 5.8 19 4.7 1.6 1.5 5.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0													
12 4.3 11 7.2 15 14 8.5 5.8 6.0 11 2.7 2.9 6.8 6.8 13 3.6 10 7.2 13 15 8.2 9.2 5.0 12 2.8 2.8 8.8 14 14 3.4 9.8 8.5 11 14 7.9 9.9 7.4 8.6 2.8 2.8 8.8 14 11 3.0 5.1 11 16 2.9 9.2 21 11 13 12 8.8 12 11 3.0 5.1 11 16 2.9 9.2 25 11 10 9.0 8.0 9.2 9.9 7.4 8.6 6.6 7.7 17 2.9 8.8 46 11 12 10 8.0 9.2 9.9 9.9 2.3 4.9 6.9 19 19 2.3 4.9 6.9 19 3.2 7.2 9 11 10 9.0 7.7 9.9 8.5 1.9 4.6 7.0 19 19 3.2 7.2 9 11 11 11 8.6 7.1 13 7.5 9.9 8.5 1.9 4.6 7.0 19 3.3 6.9 18 11 10 9.0 8.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.3 6.9 18 11 10 9.0 8.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.3 6.9 18 11 19 9.3 8.8 6.9 8.9 6.0 2.5 5.7 5.8 22 3 3.4 7.7 17 11 9.1 9.0 8.0 8.9 8.9 9.6 2.2 5.5 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8													
12 4.3 11 7.2 15 14 8.5 5.8 6.0 11 2.7 2.9 6.8 6.8 13 3.6 10 7.2 13 15 8.2 9.2 5.0 12 2.8 2.8 8.8 14 14 3.4 9.8 8.5 11 14 7.9 9.9 7.4 8.6 2.8 2.8 8.8 14 11 3.0 5.1 11 16 2.9 9.2 21 11 13 12 8.8 12 11 3.0 5.1 11 16 2.9 9.2 25 11 10 9.0 8.0 9.2 9.9 7.4 8.6 6.6 7.7 17 2.9 8.8 46 11 12 10 8.0 9.2 9.9 9.2 3 4.9 6.9 19 19 19 19 19 19 19 19 19 19 19 19 19	11	7.6	14	7.3	16	12	8.6	6.0	6.4	13	3.5	4.2	6.5
14													
16	13	3.6	10	7.2	13	15	8.2	9.2	5.0	12	2.8	2.8	8.1
16 2.9 9.2 55 11 14 12 7.8 9.3 12 2.6 6.6 7.7 17 2.9 8.8 46 11 12 10 8.0 9.2 9.2 9.9 2.3 4.9 6.9 18 3.1 7.8 25 11 10 9.0 7.7 9.9 8.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 8.6 7.1 13 7.5 1.9 4.6 7.0 19 3.2 7.2 20 11 11 8.6 7.1 13 7.5 1.9 4.6 7.0 20 3.3 6.9 18 10 10 8.9 6.9 9.3 7.6 2.0 4.1 6.9 21 3.5 6.9 18 11 9.3 8.8 6.9 9.9 9.7 7.6 2.0 4.1 6.9 22 3.3 7.5 18 11 9.3 9.4 6.9 9.6 7.0 2.1 8.9 5.9 23 3.4 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 7.0 2.1 8.9 5.9 23 3.4 7.7 17 11 9.1 9.1 9.0 6.9 8.8 9.6 7.0 2.1 8.9 5.9 24 3.5 7.5 15 12 8.6 9.7 6.7 10 11 3.0 4.2 7.5 25 3.6 6.9 15 12 8.6 9.7 6.7 10 11 3.0 4.2 7.5 25 3.6 6.9 15 14 8.5 9.3 6.7 13 9.2 2.7 5.6 6.1 26 3.2 6.6 15 15 8.6 9.0 9.4 6.7 13 9.2 2.7 5.6 6.1 27 3.3 6.4 16 14 4 9.0 9.6 6.7 13 6.9 18.8 6.9 6.6 5.0 28 3.4 7.7 17 18 18 14 9.0 9.6 6.7 14 5.7 1.7 5.9 6.8 30 3.4 7.1 15 13 3 9.5 6.8 19 4.7 13 6.6 6.8 3.2 31 3.7 25 13 9.5 5.8 19 4.7 13 6.6 6.8 3.2 31 3.7 25 13 8.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	14	3.4	9.8	8.5	11	14	7.9	9.9	7.4	8.6	2.8	3.3	9.1
17	15	3.1	9.2	21	11	13	12	8.8	12	11	3.0	5.1	11
18													
19													
20													
21 3.5 6.9 18 11 9.3 8.8 6.9 8.9 6.0 2.5 5.7 5.8													
22	20	3.3	6.9	18	10	10	8.9	6.9	9.3	7.6	2.0	4.1	6.9
23	21	3.5	6.9	18	11	9.3	8.8	6.9	8.9	6.0	2.5	5.7	5.8
24 3.5 7.5 15 12 8.6 9.7 6.7 10 11 3.0 4.2 7.5	22	3.3	7.5	18	11	9.3	9.4	6.9	9.6	7.0	2.1	8.9	5.9
25													
26 3.2 6.6 15 15 8.6 9.4 6.7 13 6.9 1.8 6.6 5.0 27 3.3 6.4 16 14 9.0 9.6 6.7 14 5.7 1.7 5.9 6.3 28 3.5 6.8 15 14 8.7 9.3 6.3 13 4.6 2.5 6.5 6.5 4.3 28 3.5 6.8 15 14 8.7 9.3 6.3 13 4.6 2.5 6.5 4.3 29 3.4 6.9 14 14 9.4 6.0 15 5.3 2.2 6.1 3.6 30 3.4 7.1 15 13 9.5 5.8 19 4.7 1.6 6.8 3.2 31 3.7 25 13 9.9 21 11.5 5.9 TOTAL 144.0 271.5 469.5 435 305.3 285.4 226.5 294.7 383.1 90.0 156.8 196.4 MEAN 4.65 9.05 15.1 14.0 10.9 9.21 7.55 9.51 12.8 2.90 5.06 6.55 MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 31. 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 2003 2001 2002 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003													
27 3.3 6.4 16	25	3.6	6.9	15	14	8.5	9.3	6.7	13	9.2	2.7	5.6	6.1
28 3.5 6.8 15	26	3.2	6.6	15	15	8.6	9.4	6.7	13	6.9	1.8	6.6	
29 3.4 6.9 14 14 9.4 6.0 15 5.3 2.2 6.1 3.6 30 3.4 7.1 15 13 9.5 5.8 19 4.7 1.6 6.8 3.2 31 3.7 25 13 9.5 5.8 19 4.7 1.6 6.8 3.2 31 3.7 25 13 9.9 21 1.5 5.9 TOTAL 144.0 271.5 469.5 435 305.3 285.4 226.5 294.7 383.1 90.0 156.8 196.4 MEAN 4.65 9.05 15.1 14.0 10.9 9.21 7.55 9.51 12.8 2.90 5.06 6.55 MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 2192 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003 2001 2001 2001 2001 SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1982 - 2003 ANNUAL MEAN 8.79 8.93 8.70 HIGHEST ANNUAL MEAN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 MAXIMUM PEAK STAGE 87 Dec 16 55 Dec 16 149 Jun 20 1982 MAXIMUM PEAK STAGE 87 Dec 16 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RENN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 MAXIMUM PEAK STAGE 87 Dec 16 3.03 Dec 16 3.03 Dec 16 3.03 Dec 16 3.09 Dec 16													
30 3.4 7.1 15 13 9.5 5.8 19 4.7 1.6 6.8 3.2 31 3.7 25 13 9.9 21 21 1.5 5.9 TOTAL 144.0 271.5 469.5 435 305.3 285.4 226.5 294.7 383.1 90.0 156.8 196.4 MEAN 4.65 9.05 15.1 14.0 10.9 9.21 7.55 9.51 12.8 2.90 5.06 6.55 MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 30.9 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 30.9 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2001 2003 2001 2001													
31 3.7 25 13 9.9 21 1.5 5.9													
TOTAL 144.0 271.5 469.5 435 305.3 285.4 226.5 294.7 383.1 90.0 156.8 196.4 MEAN 4.65 9.05 15.1 14.0 10.9 9.21 7.55 9.51 12.8 2.90 5.06 6.55 MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 1982 198													
MEAN 4.65 9.05 15.1 14.0 10.9 9.21 7.55 9.51 12.8 2.90 5.06 6.55 MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003	31	3.7		25	13		9.9		21		1.5	5.9	
MAX 8.1 31 55 22 15 12 9.9 21 31 5.3 8.9 11 MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002	TOTAL	144.0	271.5	469.5	435	305.3	285.4	226.5	294.7	383.1	90.0	156.8	196.4
MIN 2.9 4.4 6.8 10 8.5 7.9 5.8 5.0 4.6 1.5 1.9 3.2 AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003													
AC-FT 286 539 931 863 606 566 449 585 760 179 311 390 STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003													
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2003, BY WATER YEAR (WY) MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003													
MEAN 5.67 8.96 14.5 13.3 13.2 12.1 8.60 24.9 31.9 22.8 8.68 12.4 MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003	AC-FT	286	539	931	863	606	566	449	585	760	179	311	390
MAX 8.43 11.1 15.2 14.0 16.4 15.8 10.4 74.1 103 82.6 24.2 34.6 (WY) 2001 2001 2001 2002 2003 2001 2001 2002 1982 1982 1982 1982 1982 1982 1982 MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2003	STATIST	CICS OF M	ONTHLY ME	AN DATA FO	R WATER	ZEARS 1982	2 - 2003	, BY WATER	YEAR (WY)				
(WY) 2001 2001 2001 2002 2003 2001 2001 2002 1982 3001 (WY) 2002 2002 2001 2002 2003 2003 2001 2001 2001 2001 ANNUAL BORNAL MEAN 8.79 8.79 8.93 8.70 8.53 2002 HIGHEST DAILY MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 LOWEST DAILY MEAN 1.9 Aug 1 1.5	MEAN	5.67	8.96	14.5	13.3	13.2	12.1	8.60	24.9	31.9	22.8	8.68	12.4
MIN 3.93 6.67 13.2 12.1 10.9 9.21 7.55 6.49 3.09 2.47 2.43 3.01 (WY) 2002 2002 2001 2002 2003 2003 2003 2001 2001	MAX	8.43	11.1	15.2	14.0	16.4	15.8	10.4	74.1	103	82.6	24.2	34.6
(WY) 2002 2002 2001 2002 2003 2003 2003 2001 2003 2003 2003 2003 2003 2003 2003 2003 2003 2003 2002 2003 2002 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>													
SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1982 - 2003 ANNUAL TOTAL 3207.0 3258.2 ANNUAL MEAN 8.79 8.93 8.70 HIGHEST ANNUAL MEAN 8.53 2002 HIGHEST DAILY MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 LOWEST DAILY MEAN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW 87 Dec 16 1.5 Jul 1 2001 MAXIMUM PEAK STAGE 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 15 50 PERCENT EXCEEDS 8.7 7.6 88.2													
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ANNUAL MEAN 8.79 8.93 8.70 HIGHEST ANNUAL MEAN 8.79 8.93 8.70 LOWEST ANNUAL MEAN 8.53 2002 HIGHEST DAILY MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 LOWEST DAILY MEAN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW 87 Dec 16 149 Jun 20 1982 MAXIMUM PEAK STAGE 87 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 55 PERCENT EXCEEDS 8.7 7.6 8.2	SUMMARY	STATIST	ICS	FOR 2	002 CALE	NDAR YEAR	1	FOR 2003 W	ATER YEAR		WATER YEAR	RS 1982 -	2003
HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN HIGHEST ANNUAL MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 HIGHEST DAILY MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE ANNUAL RUNOFF (AC-FT) 6360 6460 6300 TO PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2	ANNUAL	TOTAL			3207.0			3258.2					
LOWEST ANNUAL MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982					8.79	9		8.9	3				
HIGHEST DAILY MEAN 55 Dec 16 55 Dec 16 149 Jun 20 1982 LOWEST DAILY MEAN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW 87 Dec 16 149 Jun 20 1982 MAXIMUM PEAK STAGE 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2													
LOWEST DAILY MEAN 1.9 Aug 1 1.5 Jul 31 1.4 Jul 5 2001 ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW 87 Dec 16 149 Jun 20 1982 MAXIMUM PEAK STAGE 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2													
ANNUAL SEVEN-DAY MINIMUM 2.4 Aug 5 1.9 Jul 26 1.5 Jul 1 2001 MAXIMUM PEAK FLOW 87 Dec 16 149 Jun 20 1982 MAXIMUM PEAK STAGE 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2													
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MAXIMUM PEAK STAGE 3.03 Dec 16 3.03 Dec 16 2002 ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2					2.4	nug 5							
ANNUAL RUNOFF (AC-FT) 6360 6460 6300 10 PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2													
10 PERCENT EXCEEDS 14 15 15 50 PERCENT EXCEEDS 8.7 7.6 8.2					6360								
	10 PERC	CENT EXCE	EDS		14			15			15		
90 PERCENT EXCEEDS 3.0 3.3 2.8													
	90 PERC	CENT EXCE	EDS		3.0			3.3			2.8		

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV

 $LOCATION.-Lat~39^{\circ}30'47", long~119^{\circ}42'41", in~SW~^{1}/_{4}~NW~^{1}/_{4}~sec.14, T.19~N., R.20~E., Washoe~County, Hydrologic~Unit~16050102, on~right~bank, 0.75~mi~above~confluence~with~Truckee~River, and 2.0~mi~east~of~Reno.$

DRAINAGE AREA.--244 mi².

PERIOD OF RECORD.--November 1992 to December 1996, January 1998 to current year. Records kept by Federal Court Watermaster July 1976 to September 1992. Prior to November 1992, published as "at Kimlick Lane."

GAGE.--Water-stage recorder. Datum of gage is 4,375 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700), Steamboat Ditch, and other municipal ponds. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,590 ft³/ s, March 10, 1995, gage height, 13.09 ft; maximum gage height, 21.90 ft, January 2, 1997, backwater from Truckee River; minimum daily, 0.63 ft³/ s, August 21, 1994.

EXTREMES FOR CURRENTYEAR.--Maximum discharge 381 ft³/ s, December 16, gage height, 7.92 ft; minimum daily, 16 ft³/ s, December 3, September 30.

1		DISCH	ARGE, CUB	IC FEET PE		WATER YEA	AR OCTOBER	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	19	19	57	45	25	34	29	57	31	29	46
2	42	20	17	39	46	25	3 3	29	50	3 0	58	46
3	4 0	20	16	37	42	25	35	31	45	28	43	46
4	45	20	17	38	38	27	3 3	35	43	28	37	48
5	43	19	17	37	35	25	33	3 0	44	3 0	33	51
6	43	18	17	34	34	24	33	3 0	46	3 0	30	44
7	42	21	17	32	3 3	23	31	31	48	31	36	46
8	41	132	17	31	31	23	28	35	56	3 0	33	46
9	39	84	17	32	3 0	22	25	3 0	60	29	32	46
10	39	50	17	38	32	21	26	33	57	32	34	46
11	41	33	18	35	3 3	22	26	32	44	34	31	46
12	35	26	23	32	34	22	28	28	43	33	28	48
13	32	22	19	29	37	22	66	26	47	32	31	49
14	32	22	20	24	36	22	47	29	45	3 0	31	49
15	3 0	21	63	26	35	45	3 9	34	44	29	31	50
16	24	21	210	28	3 9	43	3 5	33	45	25	35	50
17	23	21	130	33	3 5	36	3 8	3 3	43	20	35	46
18	22	19	61	34	31	33	3 6	33	39	21	35	47
19	23	3 0	43	33	28	31	3 4	32	38	22	33	51
20	23	29	3 9	32	3 0	30	32	3 4	39	23	32	49
21	22	26	38	30	27	29	3 7	3 9	34	3 0	49	41
22	24	27	3 6	29	26	3 0	3 3	43	34	27	71	3 8
23	23	28	33	32	26	29	32	41	51	24	48	33
24	22	28	31	43	25	34	29	42	52	28	43	33
25	22	27	29	45	26	34	26	48	43	25	44	38
26	23	24	29	46	25	35	27	48	41	24	47	31
27	24	24	3 0	45	26	37	28	47	37	25	44	28
28	22	24	41	46	25	35	29	46	35	27	43	27
29	20	20	3 9	47		3 3	28	54	35	3 7	44	23
3 0	20	19	35	46		3 3	28	57	32	26	44	16
31	19		71	46		34		59		20	46	
TOTAL	941	894	1209	1136	910	909	989	1151	1327	861	1210	1258
MEAN	30.4	29.8	39.0	36.6	32.5	29.3	33.0	37.1	44.2	27.8	39.0	41.9
MAX	45	132	210	57	46	45	66	59	60	3 7	71	51
MIN	19	18	16	24	25	21	25	26	32	20	28	16
AC-FT	1870	1770	2400	2250	1800	1800	1960	2280	2630	1710	2400	2500
STATIST	ICS OF MO	NTHLY MEA	N DATA FO	R WATER Y	EARS 1993	- 2003,	BY WATER	YEAR (W	Y)			
MEAN	34.7	32.9	44.8	46.8	62.9	74.3	61.7	88.6	78.0	51.0	38.6	43.4
MAX	66.6	61.0	131	67.1	135	148	132	194	149	108	66.7	90.2
(WY)	1999	1999	1997	1999	1999	1996	1998	1996	1998	1995	1999	1998
MIN	3.64	12.4	13.0	27.3	27.6	29.3	22.6	31.2	21.7	7.11	1.82	2.11
(WY)	1995	1995	1995	1994	1994	2003	1993	2002	1994	1994	1994	1994
SUMMARY	STATISTI	CS	FOR 2	002 CALEN	IDAR YEAR	F	OR 2003 W	ATER YEA	R	WATER YEA	RS 1993 -	2003
ANNUAL '	TOTAL			11773			12795					
ANNUAL	MEAN			32.3			35.1			52.4		
HIGHEST	ANNUAL M	EAN								94.2		1996
LOWEST .	ANNUAL ME	AN								22.5		
	DAILY ME				Dec 16		210				Mar 11	
	DAILY MEA				Aug 9			Dec			3 Aug 21	
		MINIMUM		16	Aug 14		17	Dec Dec 1	2		3 Aug 15	
	PEAK FLO										Mar 10	
	PEAK STA			00050				Dec 1	6		0 Jan 2	1997
	RUNOFF (A			23350			25380			37960		
	ENT EXCEE			42			47			113		
	ENT EXCEE			30 20			33 22			37 20		
JU PEKC.	пит цусце	در		∠∪			22			∠∪		

10350000 TRUCKEE RIVER AT VISTA, NV

LOCATION.--Lat 39°31'14", long 119°42'00", in SW $^{1}/_{4}$ SE $^{1}/_{4}$ sec.11, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, 0.4 mi south of Vista, 600 ft downstream from Steamboat Creek, on the northeast side of Reno-Sparks Sewage Treatment Plant, and at mi 53.38 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,430 mi².

PERIOD OF RECORD.--August 1899 to December 1907, January 1932 to December 1954, October 1958 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734.

REVISED RECORDS.--WSP 1634: 1904. WSP 1734: 1907 (M). WDR NV-75-1: 1963 (M). WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,367.60 ft above NGVD of 1929, from levels from U.S. Coast and Geodetic Benchmark. Prior to April 16, 1907, nonrecording gages at several sites at various datums in vicinity of previous gage site 1.2 mi downstream. May to December 1907 reference point on railroad bridge 1.0 mi downstream. January 1932 to December 1954, October 1958 to August 17, 1959, water-stage recorder at site 0.9 mi downstream at datum 5.59 ft higher. August 18, 1959 to December 9, 1959, staff gage at different datum. December 10 1959 to September 30, 1993, at site 1.2 mi downstream at datum 0.99 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Prosser Creek (station 10340300), Stampede (station 10344300), and Boca (station 10344490) Reservoirs, and other lakes, combined capacity 1,070,000 acre-ft. Several powerplants and many diversions above station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,900 ft³/ s, February 1, 1963, gage height, 16.76 ft, maximum gage height, 24.16 ft, January 2, 1997; minimum daily, 7.0 ft³/ s August 26, 1935.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height known. 17.04 ft from floodmarks, December 1955, at site and datum used 1958-59, discharge about 15,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,610 ft³/s, May 30, gage height, 7.05 ft; minimum daily, 98 ft³/s, December 10.

		DIS	CHARGE, CU	BIC FEET		, WATER LY MEAN	YEAR OCTOBER	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR		MAY	JUN	JUL	AUG	SEP
1	398	429	180	406	636	341	1000	787	1230	531	301	341
2	364	363	176	412	663	354		860	1140	492	463	337
3	371	377	164	424	606	342		896	1040	501	365	320
4	369	377	160	403	522	332		933	960	493	303	339
5	368	378	144	395	482	338		845	948	486	247	387
6	354	383	109	389	435	341	910	754	861	507	242	357
7	371	463	107	390	415	345		663	850	521	255	332
8	375	835	108	350	379	331		653	873	494	248	322
9	372	784	100	382	378	334		635	842	489	246	351
10	438	449	98	402	367	333		640	810	510	267	374
11	443	434	104	399	348	351	. 860	628	749	508	262	389
12	442	394	105	384	333	344		622	668	495	236	409
13	435	425	100	365	356	355		624	616	493	233	414
14	436	477	283	370	382	420		722	585	505	247	411
15	450	496	560	356	390	576		899	543	431	256	409
16	443	483	830	339	417	671	. 875	896	515	430	258	377
17	448	426	466	339	405	555		829	533	438	240	367
18	434	404	420	346	368	502		835	539	489	282	383
19	444	404	349	354	347	466		827	508	488	281	394
20	445	377	307	353	344	419		859	444	496	259	400
21	473	388	423	349	342	420	697	948	409	573	359	394
22	471	387	451	360	333	437		1060	351	492	492	395
23	470	385	486	445	349	568	599	1220	422	462	337	388
24	463	375	471	711	341	716		1300	425	535	317	386
25	468	364	467	628	347	732		1350	302	472	297	415
26	456	350	470	593	329	839	615	1240	287	472	299	461
27	462	349	378	584	342	1120		1160	312	472	313	461
28	474	275	489	740	337	925		1300	366	466	290	473
29	461	234	469	707		845	696	1370	368	431	307	468
30	467	190	405	633		869	776	1440	540	244	323	454
31	457		482	616		891		1350		227	329	
TOTAL	13322	12455	9861	13924	11293	16412	24134	29145	19036	14643	9154	11708
MEAN	430	415	318	449	403	529	804	940	635	472	295	390
MAX	474	835	830	740	663	1120	1090	1440	1230	573	492	473
MIN	354	190	98	339	329	331	536	622	287	227	233	320
AC-FT	26420	24700	19560	27620	22400	32550		57810	37760	29040	18160	23220
STATIST	TICS OF M	MONTHLY ME	AN DATA F	OR WATER	R YEARS 189	99 - 200	3, BY WATER	YEAR (V	IY)			
MEAN	432	554	675	762	902	1020	1313	1695	1216	534	353	383
MAX	1304	2650	3705	6858	4066	5420		5643	5740	3007	1476	1529
(WY)	1908	1984	1984	1997	1986	1986		1952	1983	1983	1907	1983
MIN	41.7	87.7	94.9	122	121	197		103	46.2	79.8	36.7	28.8
(WY)	1934	1933	1933	1991	1991	1933		1934	1934	1992	1935	1935

10350000 TRUCKEE RIVER AT VISTA, NV--Continued

SUMMARY STATISTICS	FOR 2002 CALENI	DAR YEAR	FOR 2003 WATE	R YEAR	WATER YEARS	1899 - 2003
ANNUAL TOTAL	186194		185087			
ANNUAL MEAN	510		507		820	
HIGHEST ANNUAL MEAN					2786	1983
LOWEST ANNUAL MEAN					158	1992
HIGHEST DAILY MEAN	1600	Apr 15	1440	May 30	17400	Feb 1 1963
LOWEST DAILY MEAN	98	Dec 10	98	Dec 10	7.0	Aug 26 1935
ANNUAL SEVEN-DAY MINIMUM	103	Dec 7	103	Dec 7	9.7	Aug 21 1935
MAXIMUM PEAK FLOW			1610	May 30	18900	Feb 1 1963
MAXIMUM PEAK STAGE			7.05	May 30	24.16	Jan 2 1997
ANNUAL RUNOFF (AC-FT)	369300		367100		594100	
10 PERCENT EXCEEDS	1020		871		1860	
50 PERCENT EXCEEDS	416		435		502	
90 PERCENT EXCEEDS	206		289		198	

10350340 TRUCKEE RIVER NEAR TRACY, NV

LOCATION.--Lat 39°33'24", long 119°33'08", in NE $^{1}/_{4}$ sec.31, T.20 N., R.22 E., Washoe County, Hydrologic Unit 16050102, on left bank, upstream side of bridge, 1.5 mi upstream from Tracy powerplant, 11.5 mi east of Sparks and at mi 42.75 upstream from Marble Bluff Dam. DRAINAGE AREA.--1,580 mi².

PERIOD OF RECORD .-- June 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,300 ft above NGVD of 1929, from topographic map. Replaces gage (10350400) Truckee River below Tracy, operated 1.5 mi downstream and destroyed in January 1997 flood. Low flows not equivalent due to diversions between sites.

REMARKS.--Records fair. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several powerplants. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,980 ft³/ s, March 24, 1998, gage height, 13.60 ft; minimum daily, 120 ft³/ s, December 10, 2002.

 $EXTREMES FOR CURRENT YEAR. -- Maximum \ discharge, 1,640 \ ft^{3} \hspace{0.5cm} s, May \ 30, gage \ height, 9.65 \ ft; minimum \ daily \ 120 \ ft^{3} \hspace{0.5cm} s, December \ 10.$

EAIREN	IES FOR C	UKKENI I	EAKWia	Kiiiiuiii aisci	large, 1,040 II	t / S, IV	ray 50, gage i	neight, 9.05 ft	, iiiiiiiiu	muany 1201t/	s, Dece	mber 10.
		DISC	CHARGE, CU	BIC FEET I		WATER Y		R 2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	416	432	211	421	652	334	1050	861	1200	545	339	343
2	391	358	214	411	696	352	1010	928	1110	500	490	345
3	374	364	201	424	632	341	966	979	1000	503	418	317
4	378	367	190	410	553	331	945	1010	902	500	360	325
5	378	366	183	402	491	334	978	917	885	489	312	378
6	367	368	140	397	447	333	971	791	792	506	298	362
7	378	402	132	401	421	343	953	695	772	511	298	338
8	381	821	133	365	389	325	887	655	806	488	285	328
9	374	818	126	385	380	325	887	633	779	469	280	344
10	429	536	120	405	374	327	897	620	740	486	298	365
11	445	445	123	405	360	336	912	608	680	482	289	381
12	442	423	126	398	343	333	974	587	601	469	267	392
13	437	430	123	378	357	338	1170	580	554	462	267	403
14	428	485	162	381	379	381	1080	661	525	466	279	394
15	445	507	639	375	386	523	1010	860	492	404	280	397
16	446	496	796	357	407	698	949	859	469	391	294	388
17	441	451	535	356	405	565	916	782	496	396	277	360
18	428	424	416	360	377	502	908	774	513	443	308	372
19 20	436 439	422 408	367 325	368 367	351 350	460 412	762 746	757 785	504 447	450 457	322 292	374 385
20	433	400	323	307	330	412	740	705	44/	437	232	303
21	457	405	392	363	347	399	746	867	427	506	349	378
22	465	408	448	370	340	410	758	994	386	481	519	383
23	461	406	473	415	349	514	669	1160	423	452	393	390
24	455	404	464	722	343	735	581	1270	451	509	349	377
25	458	393	462	668	345	742	601	1320	358	487	328	411
26	448	382	464	614	334	809	661	1220	330	487	327	450
27	451	382	390	602	336	1200	660	1110	352	484	328	458
28	464	328	460	753	338	982	647	1250	405	483	311	474
29	454	284	484	756		874	731	1350	410	485	321	472
30	452	240	408	666		906	836	1430	530	346	327	456
31	450		473	639		926		1350		306	335	
TOTAL	13268	12955	10180	14334	11482	16390	25861	28663	18339		10140	11540
MEAN	428	432	328	462	410	529	862	925	611	466	327	385
MAX	465	821	796	756	696	1200	1170	1430	1200	545	519	474
MIN	367	240	120	356	334	325	581	580	330	306	267	317
AC-FT	26320	25700	20190	28430	22770	32510	51300	56850	36380	28650	20110	22890
STATIST	rics of M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1997	- 2003	B, BY WATER	R YEAR (WY)				
MEAN	472	476	540	563	819	1257	1387	1599	1303	643	431	489
MAX	693	606	958	904	2345	2507	2266	3098	3296	1463	632	718
(WY)	1999	1999	1999	1999	1999	1997	1998	1999	1998	1998	1998	1998
MIN	369	400	328	357	377	437	487	395	414	339	252	385
(WY)	2002	2002	2003	2002	2002	2002	2001	2001	2001	2002	2002	2003
SUMMAR	Y STATIST	CICS	FOR	2002 CALE	ENDAR YEAR		FOR 2003 V	WATER YEAR		WATER YEARS	5 1997 -	2003
ANNUAL	TOTAL			190331			187595					
ANNUAL	MEAN			521			514			805		
HIGHEST	r ANNUAL	MEAN								1387		1999
	ANNUAL M									471		2001
	r DAILY M			1690	Apr 15		1430	May 30		5220	Mar 24	
	DAILY ME			120	Dec 10		120	Dec 10		120	Dec 10	
		Y MINIMUM		126	Dec 7		126	Dec 7		126	Dec 7	
	M PEAK FL			-20			1640	May 30		6980	Mar 24	
	M PEAK FI							65 May 30			Mar 24	
	RUNOFF (377500			372100	os nay so		583000	nul 24	1000
	CENT EXCE			1080			904			1730		
	CENT EXCE			399			432			1730 512		
90 PER	CENT EXCE	EDS		258			324			357		

10350500 TRUCKEE RIVER AT CLARK, NV

LOCATION--Lat 39°33'56", long 119°29'08", in SE $^{1}/_{4}$ SW $^{1}/_{4}$ sec.26, T.20 N., R.22 E., Storey County, Hydrologic Unit 16050102, on left bank, about 250 ft downstream from Clark Bridge, about 2 mi downstream from cooling pond outlet at Tracy powerplant, about 0.2 mi west of Clark, and at mi 38.60, upstream from Marble Bluff Dam. Prior to January 16, 1985, at site about 200 ft upstream on right bank.

DRAINAGE AREA.--1,600 mi², approximately.

PERIOD OF RECORD .-- Water years 1972 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1983 to September 1988; September 1993 to September 1998; November 2000 to current year.

WATER TEMPERATURE: June 1972 to September 1977; June 1978 to September 1998; November 2000 to current year.

INSTRUMENTATION.--Specific-conductance recorder from October 1983 to September 1988, hourly; August 1993 to September 1998, ; November 2000 to current year, four times per hour. Temperature recorder from June 1972 to September 1977, continuous; June 1978 to February 1980, four times per hour; March 1980 to May 1982, two times per hour; June 1982 to May 1990, hourly; June to October 1990, four times per hour; November 1990 to July 1993, hourly; August 1993 to September 1998; November 2000 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum, 709 microsiemens/cm at 25°C, November 6, 1994; minimum, 62 microsiemens/cm at 25°C, February 17, 1986.

WATER TEMPERATURE: Maximum recorded, 29.5°C, June 4, 1977 (temperature presumably higher during period of recorder malfunction in June 1977); minimum, freezing point on several days during winter months of some years.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum recorded, 514 microsiemens/cm at 25°C, December 14; minimum recorded, 109 microsiemens/cm at 25°C, May 31.

WATER TEMPERATURE: Maximum recorded, 27.0°C, July 22, 30; minimum recorded, 1.0°C, December 25, February 8.

Date	Time	Sample type	Instan- taneous dis- charge, cfs	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 2002	2												
16 NOV	1205	ENVIRONMENTAL	419	651	9.2	102	7.7	209	18.0	12.9	62	75	13.6
21 DEC	1040	ENVIRONMENTAL	401	658	11.6	113	7.6	254	18.0	7.9	74	90	20.2
05	1100	ENVIRONMENTAL	203	657	12.7	120	8.0	396	11.5	6.5	105	128	31.3
18	1035	ENVIRONMENTAL	438	652	10.8	94	7.4	301	.5	3.0			
JAN 2003	3												
08	1115	ENVIRONMENTAL	381	653	11.9	107	8.2	260	6.0	4.4			24.1
21	1125	SOURCE BLANK											
21	1130	FIELD BLANK											
21	1145	ENVIRONMENTAL	350	654	11.4	108	8.1	269	12.0	6.5	82	101	
FEB													
24	1100	ENVIRONMENTAL	354	645	11.3	111	8.2	312	7.5	7.3	86	105	25.0
MAR													
10	1015	ENVIRONMENTAL	358	655	10.1	103	7.9	310	17.0	9.3	82	100	24.4
APR													
11		ENVIRONMENTAL	1050	650	10.0	110	7.4	166	24.0	12.5	49	60	10.2
22	1115	ENVIRONMENTAL	780	653	10.3	106	8.1	202	7.5	9.9			
MAY													
05		ENVIRONMENTAL	1000	655	10.4	114	8.1	169	18.5	12.5			
20		SOURCE BLANK											
20		FIELD BLANK											<.20
20	1235	ENVIRONMENTAL	897	655	9.7	112	7.9	157	23.5	14.8	48	58	9.80
JUN													
10		ENVIRONMENTAL	829	651	9.4	118	7.9	143	26.0	18.5	41	50	10.1
10		SEQUENTIAL REPLICA		651	10.0	126	8.1	144	32.0	18.7	40	48	10.4
23	1100	ENVIRONMENTAL	392	647	8.6	105	7.8	195	16.5	17.0			
JUL			4.50			400							
09		ENVIRONMENTAL	462	655	9.4	123	7.9	189	31.0	20.8			
09		PESTICIDE SPIKE											
22	1015	ENVIRONMENTAL	473	658	7.0	97	7.3	180	35.0	24.3	60	74	10.8
AUG	1125	ENTIT DOMENTAL	205	655	0.7	120	0.0	246		22.0	69	0.4	17.0
14 SEP	1135	ENVIRONMENTAL	305	655	9.7	130	8.0	248		22.0	69	84	17.9
	1020	ENVIRONMENTAL	366	655	8.8	107	7.3	224	25.0	17.3	65	79	16.6
22	1030	EN VIKUNMEN I AL	306	005	5.8	10/	1.3	224	45.U	1/.3	65	19	10.0

		Ammonia +		Nitrite +		Ortho- phos-	Partic- ulate		Total	Inor- ganic	Organic		2,6-Di- ethyl-
			Ammonia			phate,	nitro-	Phos-	carbon,	carbon,	carbon,	Organic	
	Sulfate water,	water, unfltrd	water, fltrd,	water fltrd,	water, fltrd,	water, fltrd,	gen, susp,	phorus, water,	suspnd	suspnd sedimnt		carbon, water,	water fltrd
Date	fltrd,	mq/L	mg/L	mg/L	mg/L	mg/L	water,	unfltrd	total,	total,	total,	fltrd,	0.7u GF
	mg/L	as N	as N	as N	as N	as P	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L
	(00945)	(00625)	(00608)	(00631)	(00613)	(00671)	(49570)	(00665)	(00694)	(00688)	(00689)	(00681)	(82660)
OCT 2002													
16 NOV	16.2	.23	< .04	<.06	<.008	E.01	.05	.042	. 4	<.1	. 4		<.006
21	21.5	.29	<.04	E.04	<.008	E.01	.03	.043	. 3	<.1	.3	3.5	<.006
DEC		0.6			=								
05 18	37.6	.36	< .04	E.04 .44	E.004 .009	E.01 .09	.08	.042	. 4	<.1	. 4		<.006 <.006
JAN 2003													
08 21	24.0	.32	<.04	.10	<.008	.02		.058				 <.3	<.006
21												<.3	
21		.30	< .04	.08	<.008	.02	.09	.049	.5	<.1	.5	2.4	<.006
FEB 24	25.3	.35	< .04	<.06	<.008	.03	<.02	.059	<.1	<.1	<.1	2.5	<.006
MAR													
10 APR	24.4	.40	.17	E.05	<.008	.07	.10	.078	.5	<.1	.5	2.7	<.006
11	10.1	.26	E.02	<.06	<.008	E.01	.09	.044	.7	<.1	.7	4.5	< .006
22 MAY		.28	< .04	<.06	<.008	<.02		.037					
05		.33	< .04	<.06	<.008	<.02		.040					<.006
20		<.10	<.04	<.06	<.008	<.02		<.004					<.006
20	<.2 9.9	<.10 .26	<.04 <.04	<.06 <.06	<.008 <.008	<.02 E.01	<.02	<.004 .047	<.1 .5	<.1 <.1	<.1 .5	3.7 3.3	<.006 <.006
JUN	,,,	.20	1.01	1.00	1.000	2.01	,	.017				3.3	1.000
10	9.2	.32	< .04	<.06	<.008	.03	.11	.068	. 7	< . 1	.7	3.5	<.006
10 23	9.2	.34	<.04 <.04	<.06	<.008 <.008	.03	.09	.069 .055	. 6 	<.1	. 6	3.5	<.006 <.006
JUL		.20	1.01	.52	1.000	.01		.000					1.000
09 09		.23	<.04	<.06	<.008	.02		.052					<.006 .123
22	11.2	.37	<.04	<.06	<.008	.04	.16	.102	.7	<.1	.7	2.6	<.006
AUG													
14 SEP	19.1	.33	< .04	<.06	<.008	<.18	.03	.067	.2	<.1	.2	2.4	<.006
22	17.4	.35	< .04	<.06	<.008	.03	.09	.073	.6	<.1	.6	2.8	<.006
					^a alpha-		Azin-	Ben-					cis-
			_		^a alpha- HCH-d6,		phos-	flur-		Car-	Carbo-		Per-
	CIAT	Aceto-	Ala-	alpha-	HCH-d6, surrog,	Atra-	phos- methyl,	flur- alin,	Butyl-	baryl,	furan,	Chlor-	Per- methrin
	CIAT, water,	Aceto- chlor, water,	Ala- chlor, water,	alpha- HCH, water,	HCH-d6, surrog, wat flt	Atra- zine, water,	phos-	flur-	Butyl- ate, water,			Chlor- pyrifos water,	Per-
Date	water, fltrd,	chlor, water, fltrd,	chlor, water, fltrd,	HCH, water, fltrd,	HCH-d6, surrog, wat flt 0.7u GF percent	zine, water, fltrd,	phos- methyl, water, fltrd 0.7u GF	flur- alin, water, fltrd 0.7u GF	ate, water, fltrd,	baryl, water, fltrd 0.7u GF	furan, water, fltrd 0.7u GF	pyrifos water, fltrd,	Per- methrin water fltrd 0.7u GF
Date	water, fltrd, ug/L	chlor, water, fltrd, ug/L	chlor, water, fltrd, ug/L	HCH, water, fltrd, ug/L	HCH-d6, surrog, wat flt 0.7u GF percent recovry	zine, water, fltrd, ug/L	phos- methyl, water, fltrd 0.7u GF ug/L	flur- alin, water, fltrd 0.7u GF ug/L	ate, water, fltrd, ug/L	baryl, water, fltrd 0.7u GF ug/L	furan, water, fltrd 0.7u GF ug/L	pyrifos water, fltrd, ug/L	Per- methrin water fltrd 0.7u GF ug/L
Date	water, fltrd,	chlor, water, fltrd,	chlor, water, fltrd,	HCH, water, fltrd,	HCH-d6, surrog, wat flt 0.7u GF percent	zine, water, fltrd,	phos- methyl, water, fltrd 0.7u GF	flur- alin, water, fltrd 0.7u GF	ate, water, fltrd,	baryl, water, fltrd 0.7u GF	furan, water, fltrd 0.7u GF	pyrifos water, fltrd,	Per- methrin water fltrd 0.7u GF
OCT 2002	water, fltrd, ug/L (04040)	chlor, water, fltrd, ug/L (49260)	chlor, water, fltrd, ug/L (46342)	HCH, water, fltrd, ug/L (34253)	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	zine, water, fltrd, ug/L (39632)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	ate, water, fltrd, ug/L (04028)	baryl, water, fltrd 0.7u GF ug/L (82680)	furan, water, fltrd 0.7u GF ug/L (82674)	pyrifos water, fltrd, ug/L (38933)	Per- methrin water fltrd 0.7u GF ug/L (82687)
	water, fltrd, ug/L	chlor, water, fltrd, ug/L	chlor, water, fltrd, ug/L	HCH, water, fltrd, ug/L	HCH-d6, surrog, wat flt 0.7u GF percent recovry	zine, water, fltrd, ug/L	phos- methyl, water, fltrd 0.7u GF ug/L	flur- alin, water, fltrd 0.7u GF ug/L	ate, water, fltrd, ug/L	baryl, water, fltrd 0.7u GF ug/L	furan, water, fltrd 0.7u GF ug/L	pyrifos water, fltrd, ug/L	Per- methrin water fltrd 0.7u GF ug/L
OCT 2002 16 NOV 21	water, fltrd, ug/L (04040)	chlor, water, fltrd, ug/L (49260)	chlor, water, fltrd, ug/L (46342)	HCH, water, fltrd, ug/L (34253)	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	zine, water, fltrd, ug/L (39632)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	ate, water, fltrd, ug/L (04028)	baryl, water, fltrd 0.7u GF ug/L (82680)	furan, water, fltrd 0.7u GF ug/L (82674)	pyrifos water, fltrd, ug/L (38933)	Per- methrin water fltrd 0.7u GF ug/L (82687)
OCT 2002 16 NOV 21 DEC	water, fltrd, ug/L (04040) <.006	chlor, water, fltrd, ug/L (49260) <.006	chlor, water, fltrd, ug/L (46342) <.004	HCH, water, fltrd, ug/L (34253) <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	zine, water, fltrd, ug/L (39632) E.004	phos- methyl, water, fltrd 0.7u GF ug/L (82686) <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010	ate, water, fltrd, ug/L (04028) <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004	furan, water, fltrd 0.7u GF ug/L (82674) <.020	pyrifos water, fltrd, ug/L (38933) <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006
OCT 2002 16 NOV 21 DEC 05 18	water, fltrd, ug/L (04040)	chlor, water, fltrd, ug/L (49260)	chlor, water, fltrd, ug/L (46342)	HCH, water, fltrd, ug/L (34253)	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	zine, water, fltrd, ug/L (39632)	phos- methyl, water, fltrd 0.7u GF ug/L (82686)	flur- alin, water, fltrd 0.7u GF ug/L (82673)	ate, water, fltrd, ug/L (04028)	baryl, water, fltrd 0.7u GF ug/L (82680)	furan, water, fltrd 0.7u GF ug/L (82674)	pyrifos water, fltrd, ug/L (38933)	Per- methrin water fltrd 0.7u GF ug/L (82687)
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 421 FEB 24 MAR 10 APPR 11	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3	zine, water, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per-methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3 92.8	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006 <.041 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3	zine, water, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.090 E.003 <.041 E.006 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per-methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
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OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 44 MAR 10 APR 11 22 MAY 05 20 20 10 JUN 10 10	water, fltrd, wg/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3 92.8 90.2 94.6 85.4 91.2 98.2	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 10 23 JUL 09	water, fltrd, ug/L (04040) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat filt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 421 21 21 21 21 21 21 21 21 21 21 21 21 21 21 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 10 23 JUL 09 29 29 20	water, fltrd, wg/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3 92.8 90.2 94.6 85.4 91.2 98.2	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 21 4 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 10 10 23 JUL 09 22 AUG	water, fltrd, ug/L (04040) <.006 <.006 E.005 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3 92.8 90.2 94.6 85.4 91.2 98.2	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 421 21 21 21 21 21 21 21 21 21 21 21 21 21 21 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 10 23 JUL 09 29 29 20	water, fltrd, ug/L (04040) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (49260) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (46342) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	HCH, water, fltrd, ug/L (34253) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065) 102 84.5 98.2 96.6 91.8 101 86.9 86.7 91.2 97.3 92.8 90.2 94.6 85.4 91.2 98.2	zine, water, fltrd, ug/L (39632) E.004 <.007 E.005 .008 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	phos-methyl, water, fltrd 0.7u GF ug/L (82686) <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050 <.050	flur-alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ate, water, fltrd, ug/L (04028) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	baryl, water, fltrd 0.7u GF ug/L (82680) E.004 <.041 E.004 E.003 <.041 E.006 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 <.041 E.006 <.041 E.006 <.041 E.006	furan, water, fltrd 0.7u GF ug/L (82674) <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020 <.020	pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005	Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006

Date	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	non, water,	aDiazi- non-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	nil
OCT 2002													
16 NOV	<.018	<.003	<.004	<.005	119	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
21 DEC	<.018	<.003	< .004	<.005	105	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
05 18	<.018 <.018	<.003 <.003	<.004	<.005 E.010	110 100	<.005 <.005	<.02	<.002	<.009 <.009	<.005 <.005	<.009 <.009	<.005 <.005	<.005 <.005
JAN 2003													
08 21	<.018	<.003	<.004	<.005	126 	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
21 21	<.018	<.003	<.004	<.005	119	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
FEB 24	<.018	<.003	<.004	<.005	101	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
MAR 10	<.018	<.003	<.004	<.005	107	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
APR 11	<.018	<.003	<.004	<.005	107	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
22													
MAY 05	<.018	<.003	<.004	<.005	121	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
20	<.018 <.018	<.003 <.003	<.004 <.004	<.005 <.005	103 107	<.005 <.005	<.02 <.02	<.002 <.002	<.009 <.009	<.005 <.005	<.009 <.009	<.005 <.005	<.005 <.005
20	<.018	<.003	<.004	<.005	108	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
JUN 10	<.018	<.003	<.004	<.005	110	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
10	<.018	<.003	<.004	<.005	113	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
23 JUL	<.018	<.003	< .004	<.005	104	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
09	<.018	<.003	< .004	<.005	107	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
09 22	.140 <.018	.124	<.004 <.004	.118	105 119	.109 <.005	.05 <.02	.106 <.002	.104 <.009	.113	<.009 <.009	<.005 <.005	<.005 <.005
AUG	<.016			<.005		<.005			<.009	<.005	<.009	<.005	
14 SEP	<.018	<.003	<.004	<.005	105	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
22	<.018	<.003	<.004	<.005	112	<.005	<.02	<.002	<.009	<.005	<.009	<.005	<.005
Date	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)
Date OCT 2002	nil, water, fltrd, ug/L	water, fltrd, ug/L	Lindane water, fltrd, ug/L	water fltrd 0.7u GF ug/L	thion, water, fltrd, ug/L	para- thion, water, fltrd 0.7u GF ug/L	chlor, water, fltrd, ug/L	buzin, water, fltrd, ug/L	nate, water, fltrd 0.7u GF ug/L	amide, water, fltrd 0.7u GF ug/L	DDE, water, fltrd, ug/L	thion, water, fltrd, ug/L	ulate, water, fltrd 0.7u GF ug/L
OCT 2002 16	nil, water, fltrd, ug/L	water, fltrd, ug/L	Lindane water, fltrd, ug/L	water fltrd 0.7u GF ug/L	thion, water, fltrd, ug/L	para- thion, water, fltrd 0.7u GF ug/L	chlor, water, fltrd, ug/L	buzin, water, fltrd, ug/L	nate, water, fltrd 0.7u GF ug/L	amide, water, fltrd 0.7u GF ug/L	DDE, water, fltrd, ug/L	thion, water, fltrd, ug/L	ulate, water, fltrd 0.7u GF ug/L
OCT 2002	nil, water, fltrd, ug/L (62166)	water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	water fltrd 0.7u GF ug/L (82666)	thion, water, fltrd, ug/L (39532)	para- thion, water, fltrd 0.7u GF ug/L (82667)	chlor, water, fltrd, ug/L (39415)	buzin, water, fltrd, ug/L (82630)	nate, water, fltrd 0.7u GF ug/L (82671)	amide, water, fltrd 0.7u GF ug/L (82684)	DDE, water, fltrd, ug/L (34653)	thion, water, fltrd, ug/L (39542)	ulate, water, fltrd 0.7u GF ug/L (82669)
OCT 2002 16 NOV 21 DEC	nil, water, fltrd, ug/L (62166) <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003	nil, water, fltrd, ug/L (62166) <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05	nil, water, fltrd, ug/L (62166) <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 0	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24 MAR	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 0	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <<.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.0
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OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 JUIN 10	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd o.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 JUN 10	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, filtrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 20 JUN 10 10 3 JUL	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, wg/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, filtrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 23 JUL 09	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, yater, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 20 JUN 10 10 3 JUL	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, wg/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, filtrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 FEB 24 MAR 10 APR 11 22 MAY 05 20 20 20 JUIL 09 09 AUG	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd o.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004
OCT 2002 16 NOV 21 DEC 05 18 JAN 2003 08 21 21 21 4 MAR 10 APR 11 22 MAY 05 20 20 20 JUN 10 10 33 JUL 09 09 22	nil, water, fltrd, ug/L (62166) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	water, fltrd, ug/L (04095) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	Lindane water, fltrd, ug/L (39341) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004	water fltrd 0.7u GF ug/L (82666) <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035 <.035	thion, water, fltrd, ug/L (39532) <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027 <.027	para- thion, water, filtrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013	buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006	nate, water, fltrd 0.7u GF ug/L (82671) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002	amide, water, fltrd 0.7u GF ug/L (82684) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007	DDE, water, fltrd, ug/L (34653) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003	thion, water, fltrd, ug/L (39542) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010	ulate, water, fltrd 0.7u GF ug/L (82669) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005

Date	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prometon, water, fltrd, ug/L (04037)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)
OCT 2002													
16 NOV	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005	<.002
21 DEC	<.022	<.011	<.01	< .004	<.010	<.011	<.02	<.005	<.02	< .034	<.02	<.005	<.002
05	<.022	<.011	E.01	< .004	< .010	<.011	< .02	< .005	< .02	<.034	< .02	< .005	< .002
18	<.022	<.011	.02	< .004	<.010	<.011	<.02	.009	<.02	< .034	< .02	<.005	< .002
JAN 2003													
08	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	< .02	<.005	<.002
21 21													
21	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.010	<.02	<.034	<.02	<.005	<.002
FEB	V.022	<.UII	V.01	V.004	V.010	V.011	V.02	<.010	C.02	C.034	V.02	V.003	C.002
24	<.022	<.011	<.01	< .004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005	<.002
MAR													
10	<.022	<.011	< .01	< .004	<.010	<.011	< .02	<.005	< .02	< .034	< .02	< .005	<.002
APR													
11	<.022	<.011	< .01	< .004	<.010	<.011	<.02	<.005	< .02	< .034	< .02	<.005	< .002
22													
MAY													
05 20	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034 <.034	<.02	<.005	<.002 <.002
20	<.022 <.022	<.011 <.011	<.01 <.01	<.004 <.004	<.010 <.010	<.011 <.011	<.02 <.02	<.005 <.005	<.02 <.02	<.034	<.02 <.02	<.005 <.005	<.002
20	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005	<.002
JUN	V.022	V.011	V.01	C.004	<.010	<.011	V.02	<.005	C.02	V.034	V.02	<.003	<.002
10	<.022	<.011	<.01	< .004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005	<.002
10	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	< .034	<.02	<.005	<.002
23	<.022	<.011	<.01	< .004	< .010	<.011	< .02	< .005	< .02	<.034	< .02	< .005	< .002
JUL													
09	<.022	<.011	<.01	< .004	<.010	<.011	<.02	< .005	<.02	<.034	< .02	<.005	< .002
09	.104	.085	.14	.110	.134	.149	.12	.131	.14	E.131	.08	.133	.114
22	<.022	<.011	<.01	< .004	< .010	<.011	<.02	<.005	<.02	<.034	< .02	<.005	<.002
AUG	000	011		004	010	011	0.0	0.05	0.0	024	0.0	005	000
14 SEP	<.022	<.011	M	< .004	<.010	<.011	< .02	<.005	<.02	< .034	<.02	<.005	<.002
22	<.022	<.011	М	< .004	<.010	<.011	<.02	.007	<.02	<.034	<.02	<.005	<.002

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Sus- pended sedi- ment concen- tration mg/L (80154)		Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT 2002				
16	< .009	5	5.7	67
NOV				
21	<.009	5	5.4	88
DEC				
05	<.009	5	2.7	93
18	<.009	66	78	100
JAN 2003				
08	<.009	12	12	66
21				
21				
21	<.009	8	7.6	32
FEB				
24 MAR	<.009	4	3.8	68
10	. 000	5	4 0	77
APR	<.009	5	4.8	//
11	<.009	13	37	75
22		13	27	81
MAY		13	21	01
05	<.009	13	35	68
20	<.009			
20	<.009	2		53
20	<.009	10	24	88
JUN				
10	<.009	16	36	88
10	<.009	17		81
23	< .009	16	17	67
JUL				
09	<.009	8	10	85
09	.099			
22	< .009	22	28	87
AUG				
14	<.009	5	4.1	91
SEP				
22	<.009	11	11	62

Remark codes used in this report:

c -- Less than
E -- Estimated value
M -- Presence verified, not quantified

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

				WAIER IE	AR OCIOB	ER 2002 1	O SEPIEMBE	R 2003				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEME	ER		JANU	JARY
1	221	216	219	210	197	203	354	306	332	364	293	339
2				233	198	213	367	332	358	355	276	310
3				251	229	233	394	339	373	314	269	287
4	220		228	243	233	238	385	373	380	317	265	280
5	239	232	235	243	235	240	392	381	387	320	266	281
6	238	232	234	251	230	236	397	378	389	316	268	278
7	245	233	239	255	227	233	439	391	424	310	266	277
8			240	269	219	234	461	427	444	288	268	278
9	241	233	238	262	217	241	469	418	463	291	283	288
10	242	229	236	262	232	242	486	460	472	287	281	284
11	230	221	226	298	249	267	503	476	489	291	284	288
12	232	222	228	273	256	262	511	493	502	287	281	284
13	222	217	219	267	249	262	509	493	500	296	285	289
14	222	217	220	255	231	248	514	501	507	296	283	291
15	223	212	219	241	226	235	503	276	358	288	282	284
16	219	210	215	234	224	227	297	213	268	296	286	291
17	215	209	212	239	223	231	350	212	294	303	296	299
18	216	209	214	248	234	242	388	348	368	306	301	303
19	222	212	217	251	242	245	353	320	329	304	298	300
20	223	215	220	264	246	258	333	317	324	301	294	297
21	222	217	220	268	255	261	368	320	342	297	290	292
22	222	208	217	259	253	255	320	282	298	297	284	292
23	215	208	212	258	252	255	285	261	278	291	280	287
24	228	203	211	263	249	257	262	251	258	286	236	264
25	222	204	214	266	253	260	265	248	258	236	227	231
26	238	200	213	266	259	263	258	245	251	243	230	238
27	211	198	206	267	259	263	272	243	255	248	239	244
28	209	201	206	273	256	264	295	270	288	247	227	241
29	206	200	204	293	270	282	313	270	278	227	219	222
30	207	198	203	314	289	300	297	273	286	230	221	226
31	216	198	203				318	272	291	246	230	239
MONTH				314	197	248	514	212	356	364	219	278
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBR	UARY		MAR	CH		APF	lIL.		M	YAY
1	250	243	247	302	299	300	173	156	166	178	168	174
2	244	229	240	303	294	299	161	155	159	172	165	169
3	230	225	228	296	291	293	165	159	162	167	160	162
4	229	226	228	302	295	299	168	163	166	170	161	164
5	238	227	234	302	297	299	167	163	165	165	159	162
6	261	236	246	299	293	296	166	161	164	172	165	169
7	271	253	265	295	283	289	166	163	165	179	168	172
8	284	270	279	289	281	286	169	165	167	184	177	181
9	291	278	285	292	285	289	171	166	169	186	179	183
10	296	289	292	292	287	289	168	162	166	191	182	187
11	302	294	298	291	284	288	166	160	163	194	185	190
12	306	291	300	285	280	282	163	153	159	192	185	189
13	312	298	306	286	279	282	165	153	161	190	185	188
14	306	301	304	283	275	280	167	160	164	185	172	181
15	301	295	297	276	242	262	166	161	164	172	146	161
16	296	288	292	249	213	230	169	164	167	151	142	147
17	296	286	291	224	215	219	173	167	171	149	143	146
18	293	287	291	230	222	227	176	170	173	151	143	149
19	304	290	298	239	223	234	182	174	179	150	144	147
20	305	301	303	245	229	239	191	180	188	153	144	149
21	307	297	302	256	239	250	197	189	191	148	139	145
22	307	299	302	260	250	256	198	193	195	145	136	141
23	306	298	302	259	237	252	198	190	193	140	127	134
24	306	298	302	237	190	212	213	198	207	128	118	123
25	307	298	302	191	181	188	214	206	212	123	117	119
26	304	295	300	185	179	183	211	205	208	124	118	122
27	304	298	302	183	148	162	208	200	205	131	124	128
28	305	300	302	162	148	154	207	200	204	131	121	127
29				169	162	164	209	192	202	121	114	118
30				173	166	171	192	177	185	117	110	114
31				172	169	171				117	109	113
			284	303	148	247	214	153	178	194	109	153

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE	3		JULY			AUGUS'	Г		SEPTE	MBER
1	124	116	120	208	191	198	229	223	227	246	239	243
2	126	121	123	192	183	188	229	209	223	246	237	242
3	127	121	124	195	187	192	227	209	216	253	240	248
4	126	122	124	193	185	190	235	220	229	257	245	251
5	127	118	123	194	184	190	254	234	243	256	234	247
6	126	121	123	200	188	194	255	238	248	241	232	237
7	136	124	132	194	190	192	250	240	245	245	232	239
8	141	133	137	203	192	198	258	245	252	258	244	251
9	145	136	141	199	194	196	256	247	252	268	258	264
10	148	137	142	201	193	198	250	241	245	263	244	256
11	159	145	153	194	187	190	243	235	240	245	238	242
12	154	149	152	189	184	187	245	234	239	241	237	239
13	166	150	159	189	182	186	243	233	238	242	234	239
14	174	162	168	189	180	185	245	233	239	243	233	238
15	179	169	174	185	178	181	242	227	237	246	239	244
16	188	175	181	194	184	190	243	228	236	251	241	246
17	194	184	189	194	184	190	249	240	245	250	241	246
18	192	184	188	191	182	188	256	235	247	249	242	246
19	184	180	181	184	180	182	238	227	234	247	241	244
20	183	178	180	189	180	185	236	228	231	252	240	247
21	198	183	188	187	182	185	242	231	236	252	246	250
22	201	191	194	185	179	182	239	221	230	246	241	242
23	222	200	206	189	180	184	236	215	223	243	234	239
24	237	215	226	191	180	186	247	233	240	238	232	236
25	236	226	230	190	178	184	242	232	238	244	236	240
26	247	236	244	192	181	186	251	236	243	246	233	241
27	251	241	245	193	186	190	253	242	247	233	214	225
28	245	220	235	200	184	194	251	243	247	218	211	215
29	235	219	224	194	184	190	261	245	251	215	210	213
30	225	208	220	217	192	206	251	246	249	212	201	209
31				230	216	222	248	237	242			
MONTH	251	116	174	230	178	191	261	209	239	268	201	241

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTO	BER		NOVEMB	ER		DECEMB	ER		JANU	ARY
1	15.0	12.5	14.0	7.5	6.0	6.5	5.5	4.0	5.0	4.0	3.0	4.0
2				6.5	4.5	5.5	6.5	5.0	6.0	4.5	3.5	4.0
3				6.5	5.0	6.0	7.0	5.5	6.0	5.0	3.5	4.5
4				7.0	5.0	6.0	7.0	5.5	6.5	6.5	4.5	5.5
5	15.5	13.0	14.5	7.5	5.5	7.0	7.0	6.0	6.5	6.5	5.0	6.0
6	16.0	14.0	15.0	8.0	6.0	7.0	7.0	6.0	6.5	6.0	5.0	5.5
7				9.0	7.0	8.0	7.0	5.5	6.0	5.0	4.0	4.5
8				9.0	8.0	8.5	6.5	5.0	5.5	5.0	3.5	4.0
9	16.5	14.5	15.5	9.0	7.5	8.0	6.0	5.0	5.5	5.5	4.5	5.0
10	15.5	13.5	14.5	8.0	7.5	7.5	6.0	5.5	5.5	6.0	5.0	5.5
11	14.5	12.5	13.5	8.5	7.0	7.5	6.5	5.0	5.5	6.0	5.0	5.5
12	13.5	12.0	13.0	9.0	7.0	8.0	7.0	5.5	6.0	7.0	5.5	6.5
13	13.0	11.0	12.5	10.0	9.0	9.5	7.0	6.0	6.5	7.5	6.0	7.0
14	13.5	11.5	12.5	10.0	8.5	9.5	8.0	7.0	7.0	7.0	6.0	6.5
15	13.5	11.5	13.0	8.5	7.5	8.0	7.0	5.5	6.5	7.0	5.5	6.5
16	13.5	11.5	13.0	8.0	7.0	7.5	5.5	3.5	5.0	6.5	5.0	5.5
17	14.0	11.5	13.0	8.0	6.5	7.5	4.5	3.5	3.5	6.0	4.5	5.5
18	13.5	11.5	13.0	8.0	6.5	7.5	3.5	2.5	3.0	6.0	4.5	5.5
19	13.5	11.5	12.5	8.0	6.0	7.0	3.0	2.0	2.5	6.5	4.5	5.5
20	13.5	11.5	12.5	8.0	6.5	7.5	3.0	1.5	2.5	6.5	5.0	6.0
21	13.5	11.5	12.5	8.0	7.0	7.5	3.5	2.5	3.0	6.5	5.5	6.0
22	13.0	11.5	12.5	8.5	7.0	8.0	3.5	2.0	3.0	8.0	6.0	7.0
23	13.0	11.0	12.0	9.5	8.0	8.5	3.5	2.5	3.0	9.0	7.0	8.0
24	12.5	11.0	11.5	9.0	8.0	8.5	2.5	1.5	2.0	8.5	7.0	8.0
25	12.0	11.0	11.5	8.0	6.5	7.0	2.0	1.0	1.5	8.0	6.5	7.5
26	12.0	10.5	11.5	6.5	5.0	6.0	2.5	1.5	2.0	8.0	7.0	7.5
27	12.5	10.5	11.5	5.5	4.0	5.0	5.0	2.5	4.0	8.0	7.0	7.5
28	12.0	11.0	11.5	5.0	3.5	4.5	6.0	5.0	5.5	8.0	7.0	7.5
29	11.5	10.0	10.5	5.5	3.5	4.5	5.5	4.5	5.0	7.5	6.5	7.0
30	10.0	8.5	9.5	5.0	4.0	4.5	5.0	4.0	4.5	7.5	6.0	7.0
31	9.0	7.5	8.0				5.0	4.0	4.5	8.0	7.0	7.5
MONTH				10.0	3.5	7.1	8.0	1.0	4.7	9.0	3.0	6.1

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBR	UARY		MAR	RCH		APR	lL		N	YAY
1 2 3 4	8.0 7.0 6.0 5.0	4 -	6.5 5.0 4.5	8.5 8.0 7.5 8.0	6.0 6.0	7 0	11.0 9.0 7.5 7.5	9.0 6.5 6.0 6.0	6 5	12.0 11.5	10.0 9.5 10.5	11.0 10.5 11.0
5 6 7	4.5 3.5 3.0						8.0 8.0 10.0 12.5			13.0	11.0	12.0
8 9	3.0 4.0 5.0	2.0 1.5 1.0 1.5 2.5	2.5 3.0 4.0	9.5 10.0 10.5 10.0 10.5	7.5 8.5 8.5	9.0 9.5 9.5	12.5 13.5 13.5	8.5 10.5 11.0	10.0 12.0 12.0	12.5 11.0 10.0 11.0	10.0	10.5
12 13 14	г о	3.5 4.0 4.5 6.5 7.5		11.0 12.0 13.0 12.0 11.0			13.0 12.5 10.5 8.0 9.5			14.0 16.5 17.5 17.0 16.0		
16 17 18 19 20	8.5 7.5 7.5 6.0 8.0	7.0 6.0 5.5 5.5		9.5 7.5	7.0 6.0 5.5 6.5	8.5 7.0 7.0 8.0	9.0 10.5 10.0 12.0 11.5	8.5 8.5	8.5 9.0 9.0 10.0 11.0	15.0 15.5 15.0 14.0 15.5	13.0 12.5 12.5 11.5 12.5	14.0 14.0 13.5 13.0 14.0
23 24	8.5 9.0 8.0 7.5			11.5 12.0 11.0 11.5 12.0	8.5 10.0 10.0 9.5	10.0 11.0 10.5 10.5	11.0 10.5 12.0 12.5	10.0 9.0 8.5 10.5	10.5 9.5		14.5 15.0	15.5 16.0
25 26 27		5.0 5.5	6.0 6.5	11.5 10.0	10.0	11.0 9.5	11.5 11.5	8.0 9.5	10.0 10.5	16.0 15.5 17.5	12.5	
28 29 30 31	7.0 	5.5 	6.0 	9.0 10.0 11.5 11.0	8.5	10.0	12.5 12.0 12.0	9.5	11.0 10.5 10.5	18.0 17.0 17.0 17.0	15.5	16.0
MONTH	9.0	1.0	5.7	13.0	5.5	9.2	13.5	6.0	9.6	18.0	8.0	13.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX			MAX	MIN	MEAN
		JUNI	Ε		JULY			AUGUS'	r		SEPTE	MBER
DAY 1 2	17.5		E 16.0				25.5	AUGUS	T 24 5	20.5	SEPTE	MBER 19.0
1 2 3	17.5 18.5 18.5	JUN 14.5 15.5 16.0	16.0 17.0 17.5	 	JULY		25.5 23.5 23.5	AUGUS: 23.5 22.0 20.5	T 24.5 22.5 22.0	20.5 22.0 22.0	SEPTE 17.5 19.0 20.0	MBER 19.0 20.5 21.0
1 2	17.5 18.5	JUNN 14.5 15.5 16.0 16.5	16.0 17.0		JULY		25.5	AUGUS' 23.5 22.0 20.5 21.5	T 24.5 22.5 22.0		SEPTE 17.5 19.0 20.0	MBER 19.0 20.5
1 2 3 4 5	17.5 18.5 18.5 19.0	JUNI 14.5 15.5 16.0 16.5 16.5	16.0 17.0 17.5 17.5		JULY 		25.5 23.5 23.5 24.5	23.5 22.0 20.5 21.5 21.5	24.5 22.5 22.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5	SEPTE 17.5 19.0 20.0 19.5 19.5	MBER 19.0 20.5 21.0 20.5 20.5
1 2 3 4 5	17.5 18.5 18.5 19.0 18.5	JUNI 14.5 15.5 16.0 16.5 16.5	16.0 17.0 17.5 17.5 17.5		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.5	AUGUS' 23.5 22.0 20.5 21.5 21.5 21.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5	20.5 22.0 22.0 21.5 21.5	SEPTE 17.5 19.0 20.0 19.5 19.5 19.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5
1 2 3 4 5	17.5 18.5 18.5 19.0 18.5	JUNI 14.5 15.5 16.0 16.5 16.5 16.5	16.0 17.0 17.5 17.5 17.5		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.5	AUGUS' 23.5 22.0 20.5 21.5 21.5 21.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5	20.5 22.0 22.0 21.5 21.5	SEPTE 17.5 19.0 20.0 19.5 19.5 19.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5
1 2 3 4 5	17.5 18.5 18.5 19.0 18.5	JUNI 14.5 15.5 16.0 16.5 16.5 16.5	16.0 17.0 17.5 17.5 17.5		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.5	AUGUS' 23.5 22.0 20.5 21.5 21.5 21.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5	20.5 22.0 22.0 21.5 21.5	SEPTE 17.5 19.0 20.0 19.5 19.5 19.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5
1 2 3 4 5 6 7 8 9 10	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 18.5 19.0		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0	AUGUS' 23.5 22.0 20.5 21.5 21.5 21.5 21.5 20.5 20.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 18.0	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0
1 2 3 4 5 5 6 7 7 8 9 10 11 12	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 18.5 18.5	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0				25.5 23.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0	23.5 22.0 20.5 21.5 21.5 21.5 21.0 20.5 20.5 20.5 20.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 18.0	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.0 18.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13	17.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.5 16.5 16.5 17.5 18.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 21.5 21.5 22.0	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 17.5 16.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 17.5 17.0 18.0 18.5 17.5
1 2 3 4 5 5 6 7 7 8 9 10 11 12	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 18.5 18.5	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0				25.5 23.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0	23.5 22.0 20.5 21.5 21.5 21.5 21.0 20.5 20.5 20.5 20.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 18.0	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.0 18.5
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.5 18.0	16.0 17.0 17.5 17.5 17.5 18.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 23.0 23.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.5 20.0 20.0 20.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 21.5 21.5 22.0 22.5	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 19.0 20.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.7 17.5 17.5
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 23.5 24.0 24.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0	24.5 22.5 22.0 23.0 23.0 22.5 22.0 22.0 22.0 21.5 22.0 22.5 22.0 22.5 22.0	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0 16.5 17.5 16.5 16.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.7 17.5 17.5
1 2 3 4 5 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18	17.5 18.5 18.5 19.0 20.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 18.5 19.0 19.0				25.5 23.5 23.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0	AUGUS' 23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.5 20.0 20.0 20.0 21.0 21.5 21.5 21.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 21.5 21.5 22.0 22.5 23.0	20.5 22.0 22.0 21.5 21.5 22.0 20.5 19.0 18.5 19.0 20.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.7 16.7 16.8	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.5 17.5 17.5 17.5 16.5 15.5
1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.5 21.0 22.0 20.0 21.0 21.5	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.0 22.0 22	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0 16.5 16.0 14.5 14.0 14.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.5 17.5 17.5 16.5 15.5 15.6
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 23.0 24.0 24.0 24.0 25.0 25.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 20.0 21.0 21.5 21.5 22.0 22.0 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.0 22.0 22	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 19.0 20.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.0 16.5 17.5 16.0 14.5 14.0 14.5 15.5	MBER 19.0 20.5 21.0 20.5 20.5 19.5 18.0 17.5 17.0 18.5 17.5 17.5 16.5 15.5 16.0 17.0
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNN 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.0 20.0 21.0 21.5 21.5 20.5 20.5 20.0 20.0 21.0 21.5 21.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	24.5 22.5 22.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.0 22.0 22	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.6 16.0 16.5 16.0 16.5 16.0 14.5 15.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.5 17.5 17.5 16.5 15.5 16.0 17.0
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0 22.0 22.0 22.0 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.0 22.0 22	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 17.5 16.5 14.5 14.5 14.5 15.5	MBER 19.0 20.5 21.0 20.5 20.5 19.5 18.0 17.5 17.0 18.5 17.5 17.5 16.5 15.5 16.0 17.0
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	17.5 18.5 18.5 19.0 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 18.5 19.0 19.0		JULY		25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.0 20.0 21.0 21.5 21.5 20.5 20.5 20.0 20.0 21.0 21.5 21.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.0 22.5 23.0 22.5 23.0 22.5 23.0 23.5 23.0	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.6 16.0 16.5 16.0 16.5 16.0 14.5 15.5	MBER 19.0 20.5 21.0 20.5 20.5 20.5 19.5 18.0 17.5 17.0 18.0 18.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0	 27.0 26.5	JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 23.5	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0 21.5 21.5 22.0 22.0 22.0 22.0 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.5 22.0 22.5 23.0 23.0 22.5 23.0 23.0 23.0 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5 20.5 19.0 18.5 18.0 19.0 20.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	MBER 19.0 20.5 21.0 20.5 20.5 19.5 18.0 17.5 17.0 18.5 17.5 17.5 17.5 17.5 17.5 17.5 18.0 17.5 18.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0	27.0 26.5 25.5 24.0	JULY		25.5 23.5 23.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 23.5	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.5 20.0 20.0 21.0 21.5 21.5 21.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 20.0 18.5 19.0 18.5 19.0 18.5 17.5 16.5 16.5 17.5 18.5	17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 17.5 16.5 16.5 16.5 16.5 16.5 16.5 17.5 16.5 17.5	MBER 19.0 20.5 21.0 20.5 20.5 19.5 18.0 17.5 17.0 18.0 18.5 17.5 17.5 17.5 16.5 15.5 16.0 17.0 18.0 17.5 17.5
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0 	 27.0 26.5 25.5 24.0	JULY	 25.5 25.0 24.0 23.5 24.0	25.5 23.5 24.5 25.0 24.5 23.5 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.0 20.0 21.0 21.0 22.0 22.5 22.0 22.5 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.5 23.0 22.5 23.0 23.5 24.0 23.5 24.0 23.5 24.0 23.5 24.0 23.5	20.5 22.0 22.0 21.5 21.5 21.5 22.0 20.5 19.0 18.5 19.0 20.0 18.5 19.0 18.5 17.5 16.5 16.5 17.5 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 16.0 14.5 16.0 14.5 15.5 16.5 16.0 17.5 16.5 16.5 16.0 17.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16	MBER 19.0 20.5 21.0 20.5 20.5 20.5 18.0 17.5 17.5 17.5 17.5 16.5 15.5 16.0 17.0 18.0 17.5 18.0 17.5
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0 	 27.0 26.5 24.0 25.5 24.0	JULY		25.5 23.5 24.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 23.5	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0 22.0 22.0 22.5 22.0 22.5 22.0 22.5 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5 22.0 20.5 19.0 18.5 19.0 20.0 18.5 19.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 16.5 16.5 16.5 16.0 14.5 14.5 15.5 16.5 17.0 16.5 17.7 17.0 16.5 17.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 18.0 17.5 17.5 17.5 17.5 16.5 15.5 16.0 17.0 18.0 17.5 18.0 17.5
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 17.5 19.0 19.0 	 27.0 26.5 25.5 24.0 25.5 25.5 25.5	JULY		25.5 23.5 24.5 24.5 23.0 23.0 23.0 23.0 23.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0 22.5 22.5 22.0 22.5 22.5 22.5 22.5 22	24.5 22.5 22.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.5 22.0 22.5 23.0 22.5 23.5 24.0 23.5 24.0 23.5 24.0 22.5 23.5 24.0 22.5 23.5 24.0 22.5 23.5 24.0 22.5 23.5 24.0 22.5 23.5 24.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5 22.0 20.5 19.0 18.5 19.0 18.5 19.0 18.5 17.5 16.5 16.5 17.5 18.5 19.0 19.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 16.5 16.5 16.5 16.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 17.5 16.5 16.5 16.5 17.0 16.5 16.5 16.5 17.0	MBER 19.0 20.5 21.0 20.5 20.5 19.5 18.0 17.5 17.0 18.5 17.5 17.5 17.5 16.5 16.5 16.0 17.5 16.5 16.5 16.0 17.5 18.0 17.5
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	17.5 18.5 18.5 19.0 20.0 20.5 20.0	JUNI 14.5 15.5 16.0 16.5 16.5 17.5 18.0	16.0 17.0 17.5 17.5 17.5 19.0 19.0 	 27.0 26.5 24.0 25.5 24.0	JULY		25.5 23.5 24.5 24.5 25.0 24.5 23.0 23.0 23.0 23.0 24.0 24.0 24.0 24.0 25.0 25.0 25.0 25.0 23.5	23.5 22.0 20.5 21.5 21.5 21.5 20.5 20.5 20.5 20.0 20.0 21.0 21.0 22.0 22.0 22.5 22.0 22.5 22.0 22.5 22.0	24.5 22.5 22.0 23.0 23.0 23.0 22.5 22.0 22.0 22.0 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	20.5 22.0 22.0 21.5 21.5 22.0 20.5 19.0 18.5 19.0 20.0 18.5 19.0 18.5 19.0 18.5 19.0 18.5	SEPTE 17.5 19.0 20.0 19.5 19.5 17.5 16.5 17.0 16.5 16.5 16.5 16.5 16.0 14.5 14.5 15.5 16.5 17.0 16.5 17.7 17.0 16.5 17.0	MBER 19.0 20.5 21.0 20.5 20.5 20.5 18.0 17.5 17.5 17.5 17.5 16.5 15.5 16.0 17.0 18.0 17.5 18.0 17.5

10351300 TRUCKEE CANAL NEAR WADSWORTH, NV

 $LOCATION.-Lat\ 39^{\circ}36'46",\ long\ 119^{\circ}17'46",\ in\ NW\ ^{1}/_{4}\ SW\ ^{1}/_{4}\ sec.\ 9,\ T.20\ N.,\ R.24\ E.,\ Storey\ County,\ Hydrologic\ Unit\ 16050102,\ Pyramid\ Indian\ Reservation,\ on\ left\ bank,\ 2.2\ mi\ southwest\ of\ Wadsworth,\ and\ at\ mi\ 22.04\ upstream\ from\ terminal\ weir\ at\ Lahontan\ Reservoir.$

DRAINAGE AREA .-- Indeterminate.

PERIOD OF RECORD.--October 1966 to current year.

REVISED RECORDS.--WDR NV-77-1: 1975.

GAGE.--Velocity-stage recorder. Elevation of gage is 4,200 ft above NGVD of 1929, from topographic map. Prior to May 23, 1994, at site 0.9 mi upstream, at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow is regulated by Derby Dam (including two wasteways between gage and Derby Dam) and many reservoirs, powerplants, and diversions above Derby Dam. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 967 ft³/ s March 10 1995; no flow at times, some years.

		DISC	HARGE, C	UBIC FEET P		WATER YE Y MEAN VA	AR OCTOBER	2002 TO 8	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		2.4.2								005		
1 2	e0.05 e0.05	343 331	209 208	292 178	594 621	325 337	819 788	67 69	90 55	225 265	65 143	97 97
3	e2.0	324	201	55	592	339	783	44	41	260	86	97
4	276	328	189	e38	505	329	747	62	49	275	60	94
5	284	338	183	e28	299	329	770	74	68	271	73	98
6	290	340	162	27	201	335	781	73	95	261	88	139
7	295	355	136	26	305	347	789	62	124	266	90	137
8	303	522	129	28	343	341	782	4 0	78	278	66	102
9	300	647	125	31	332	339	784	63	80	274	74	97
10	307	564	121	28	332	344	788	75	62	258	71	77
11	327	394	119	26	323	350	788	60	63	229	74	76
12	339	398	125	26	308	360	795	57	92	171	70	8 0
13	336	394	132	25	312	366	796	82	106	139	77	8 0
14	338	430	134	24	343	372	745	125	123	147	90	78
15	358	476	449	23	372	470	749	112	87	156	91	74
16	374	477	513	21	377	636	738	89	88	155	131	80
17	370	452	514	16	395	576	656	107	85	173	119	87
18	364	418	378	e20	370	505	516	99	92	258	91	85
19	362	403	351	e20	338	471	394	47	94	259	173	81
20	373	402	306	e30	329	446	340	86	91	259	136	83
21	388	392	312	e100	333	425	334	166	82	267	87	74
22	409	402	396	300	332	427	336	286	59	e310	91	56
23	401	402	416	356	327	477	259	287	58	e278	119	60
24	398	402	425	515	335	660	186	276	71	270	128	64
25	398	382	411			704		276	80	292	105	89
25	397	382	411	618	330	704	65	212	80	292	105	89
26	394	364	417	558	322	721	46	268	101	223	102	99
27	399	354	399	548	320	808	56	221	100	166	100	100
28	403	332	390	599	333	791	47	121	109	156	99	74
29	287	281	479	676		777	58	121	118	114	93	58
30	236	249	416	622		799	62	127	145	54	98	57
31	222		373	590		814		104		109	96	
TOTAL	9532.10	11896	9118	6444	10223	15320	15797	3742	2586	6818	2986	2570
MEAN	307	397	294	208	365	494	527	121	86.2	220	96.3	85.7
MAX	409	647	514	676	621	814	819	287	145	310	173	139
MIN	0.05	249	119	16	201	325	46	40	41	54	60	56
AC-FT	18910	23600	18090	12780	20280	30390	31330	7420	5130	13520	5920	5100
AC-FI	10010	23000	10000	12700	20200	30330	31330	7420	3130	13320	3320	3100
STATIS	STICS OF M	MONTHLY MEA	N DATA	FOR WATER	YEARS 1967	7 - 2003	, BY WATER	YEAR (WY	7)			
MEAN	220	247	223	172	183	240	287	322	257	206	187	191
MAX	522	535	660	520	633	722	870	822	822	458	339	340
(WY)	1976	1969	1967	1967	1967	1989	1989	1978	1970	1971	1967	1969
MTN	36.7	11.5	0.000	0.000	0.000	0.000	23.7	59.5	57.7	39.1	3.21	29.8
(WY)	1993	2001	1976	1971	1971	1971	1998	1998	1992	1992	1994	1994
SUMMA	RY STATISI	rics	FOR	2002 CALE	NDAR YEAR		FOR 2003 W.	ATER YEAR	2	WATER YEAR	S 1967 -	2003
ΔΝΝΙΙΛ	L TOTAL			112723.4	5		97032.1	0				
ANNUAI				309	-		266	-		228		
	ST ANNUAL	MEAN		303			200			397		1978
	r Annual N									42.8		2000
	ST DAILY N			884	Apr 14		819	Apr :	1	967	Mar 10	
	C DAILY ME			0.0			0.0			0.00	Dec 14	
		AY MINIMUM		7.0			21	Jan 1		0.00	Jan 4	
	L RUNOFF			223600	oan si		192500	uan 1.	-	165300	uali 4	1200
	RUNOFF C			663			569			487		
	RCENT EXCE			328			259			193		
	RCENT EXCE			17			259 58			193		
JU PEI	CENT FVCF	פתחים		Ι/			28			Τρ		

e Estimated

10351400 TRUCKEE CANAL NEAR HAZEN, NV

LOCATION.--Lat 39°30'14", long 119°02'39", in NE ¹/₄ NE ¹/₄ sec.22, T.19 N., R.26 E., Churchill County, Hydrologic Unit 16050203, on left bank, 500 ft downstream from Bango check dam, 4.0 mi southwest of Hazen, and at mi 3.35 upstream from terminal weir at Lahontan Reservoir.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1966 to current year. Records since October 1, 1980, equivalent if records for the KX lateral are added to flow past station.

GAGE.--Water-stage recorder. Datum of gage is 4,166.53 ft above NGVD of 1929, Bureau of Reclamation datum. Since October 1, 1980, at site 500 ft downstream from Bango check dam. From March 17, 1972, to September 30, 1980, gage on left bank, 0.1 mi downstream from Hazen check dam and auxiliary water-stage recorder 20 ft upstream from KX lateral diversion canal. October 1, 1967, to March 17, 1972, auxiliary water-stage recorder on right bank, approximately 6 mi downstream from base gage.

REMARKS.--No estimated daily discharges. Records excellent for daily discharges greater than $50 \text{ ft}^3/$ s, and records good for daily discharges less than $50 \text{ ft}^3/$ s. Flow regulated by Derby Dam, diversions, and spillways between Derby Dam and station. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 916 ft³/ s, February 3, 1967; no flow at times, some years.

		DISC	CHARGE, C	UBIC FEET P		WATER Y		R 2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	256	229	300	543	302	813	7.3	6.9	111	14	27
2	12	317	206	215	563	301	772	23	14	134	7.4	34
3	22	293	201	84	584	309	798	28	4.2	93	68	48
4	169	291	163	40	524	302	782	11	0.96	123	26	11
5	250	290	178	29	340	295	792	6.5	1.3	163	6.0	6.6
6	241	299	168	26	228	298	795	10	2.2	172	5.7	5.5
7	236	308	135	24	247	299	778	6.8	12	153	5.9	21
8	236	434	121	11	339	304	759	5.7	35	164	7.2	37
9 10	236 241	654 653	119 116	8.1 8.8	331 324	293 293	691 691	5.7 7.7	4.1 2.5	140 148	14 12	4 2 3 3
1.1	262	410	110	1.2	216	205	600	1.0	0 0	141	1.0	0.5
11 12	260 253	418 350	112 114	13 15	316 302	295 303	698 712	16 5.7	2.2 9.5	141 67	12 22	25 39
13	275	325	114	16	293	303	712	3.4	9.5	11	15	31
14	259	327	113	17	305	301	743	3.4	10	15	16	24
15	288	397	257	17	325	354	753	3.7	16	57	15	29
16	301	449	504	17	335	505	768	6.0	13	66	15	21
17	353	441	569	17	355	577	683	5.0	11	87	7.4	17
18	309	402	416	14	351	486	523	3.8	4.3	189	5.4	37
19	269	386	360	18	325	434	388	4.7	4.4	154	4.9	43
20	260	381	318	15	307	399	294	3.5	6.0	164	16	21
21	288	368	286	22	305	366	288	5.9	5.8	157	11	16
22	304	369	352	134	303	359	300	203	5.1	177	7.7	26
23	328	368	389	291	296	373	278	127	2.5	165	7.6	12
24	328	364	413	369	304	493	144	132	2.2	156	1.3	17
25	326	357	408	574	299	631	31	190	2.1	215	9.6	11
26	326	350	408	537	304	654	18	202	2.0	194	7.2	7.5
27	329	343	403	507	296	736	22	195	3.2	116	7.4	20
28	310	340	345	513	302	806	20	65	2.4	79	19	26
29	265	296	414	645		793	15	6.9	1.4	75	18	29
30	228	260	405	623		771	8.5	3.8	9.5	36	13	16
31	185		356	556		788		5.7		16	8.0	
TOTAL	7715	11086	8694	5675.9	9646	13726	15133.5	1302.8	204.76	3738	416.4	732.6
MEAN	249	370	280	183	344	443	504	42.0	6.83	121	13.4	24.4
MAX MTN	353 12	654 256	569 112	645	584 228	806 293	813	203	35	215	68	48
MIN AC-FT	15300	256	17240	8.1 11260	19130	27230	8.5 30020	3.0 2580	0.96 406	11 7410	4.9 826	5.5 1450
AC-FI	15300	21990	1/240	11260	19130	27230	30020	2560	400	7410	020	1450
STATIST	TICS OF M	IONTHLY ME	AN DATA	FOR WATER	YEARS 1967	- 2003	B, BY WATER	R YEAR (W	Υ)			
MEAN	168	218	208	159	172	220	234	217	149	85.1	74.6	112
MAX	442	506	620	503	630	668	774	692	673	297	220	290
(WY)	1976	1974	1967	1967	1967	1989	1989	1978	1970	1971	1976	1985
MIN	1.00	2.64	0.000	0.000	0.000	0.000	0.15	0.090	0.28	0.34	0.063	0.52
(WY)	1997	2001	1976	1971	1971	1971	1996	1996	1999	1992	1992	1994
SUMMARY	STATIST	ics	FOR	2002 CALE	NDAR YEAR		FOR 2003 1	WATER YEA	R	WATER YEA	ARS 1967	- 2003
ANNUAL				93793.2			78070.	96				
ANNUAL				257			214			168		
	ANNUAL									330		1978
	ANNUAL M			0.60	3 m 12		010	7	1	2.3		1999
	DAILY ME			863 2.1	Apr 18		813	Apr 96 Jun		916		3 1967 7 1968
		AN Y MINIMUM		3.2	_		2.			0.0		1 1968
	RUNOFF (186000	Aug 23		154900	J UUII Z	J	121600	o Dec 1	. 1 1 7 / 0
	CENT EXCE			570			529			444		
	CENT EXCE			269			165			92		
	CENT EXCE			5.9			6.	0		0.7	72	

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV

LOCATION.--Lat $39^{\circ}35'05''$, long $119^{\circ}26'25''$, in NW $^1/_4$ SE $^1/_4$ sec.19, T.20 N., R.23 E., Storey County, Hydrologic Unit 16050102, on right bank, 1,500 ft downstream from Derby Dam, 3.2 mi downstream from Clark, 9 mi southwest of Wadsworth, and at mi 34.49 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,676 mi².

PERIOD OF RECORD.--January 1909 to December 1910, January to December 1916, January 1918 to July 1958, October 1958 to current year. Records prior to January 1918 not equivalent, due to site location above Derby Dam.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,200 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, several powerplants, many diversions for irrigation, and by Derby Dam. Truckee Canal diverts water at Derby Dam out of basin to Lahontan Reservoir into the Carson River basin. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft³/ s, January 3, 1997, gage height, 14.57 ft; no flow some days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,300 ft³/s, May 30, gage height, 4.74 ft; minimum daily, 5.0 ft³/s, December 14.

AUG SEP
100 86
120 88
173 80
132 74
103 112
80 102
76 86
77 78
72 84
73 106
81 118
71 125
69 128
71 112
69 120
75 134
78 125
214 130
152 134
95 127
87 147
84 175
78 189
80 199
80 194
89
2841 3797
91.6 127
81.2 88.9
YEARS 1918 - 2003
)
1983
5.16 1931
Jan 3 1997
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0.00 Nov 3 1955
Jan 3 1997
1.57 Jan 3 1997
)
)
5
1.0

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to 1996; 2001 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1988 to September 1996; October 2001 to September 2002.

INSTRUMENTATION.--Water temperature monitor June 1988 to September 1996, hourly; October 2001 to September 2002, four times per hour. REMARKS.--Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.-

WATER TEMPERATURE: Maximum daily, 30.0°C, July 15, 1992; minimum, freezing point on several days during winter months in most years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 27.5°C, July 30; minimum recorded, 1.0°C, December 25, February 7-9.

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER	!	No	OVEMBER		Di	ECEMBER			JANUARY	
1	14.5	12.0	13.5	7.0	5.0	6.0	7.0	3.0	4.5	4.0	3.0	3.5
2	13.5	11.0	12.0	6.5	4.0	5.0	7.5	4.0	5.0	4.5	3.5	4.0
3	14.0	11.0	12.5	6.0	4.5	5.0	7.5	4.0	5.0	5.0	3.0	4.0
4	15.5	12.5	14.0	6.5	4.0	5.5	8.5	4.5	5.5	6.5	4.5	5.5
5	16.0	12.5	14.0	7.5	5.0	6.5	7.5	4.0	5.5	6.5	5.0	6.0
6	16.5	13.5	15.0	8.0	6.0	7.0	8.0	4.5	5.5	6.0	4.5	5.0
7	17.0	14.0	15.5	9.0	7.0	8.0	7.0	4.0	5.0	5.0	3.5	4.5
8	17.0	14.0	15.5	9.0	8.0	8.5	6.5	3.5	4.5	5.0	3.0	4.0
9	16.5	14.0	15.5	8.5	7.5	8.0	6.5	4.0	4.5	5.5	4.5	5.0
10	15.5	13.5	14.5	8.0	7.0	7.5	6.0	4.0	5.0	6.0	5.0	5.5
11	14.5	12.0	13.0	8.5	6.5	7.5	6.5	3.5	4.5	6.5	5.0	5.5
12	14.0	11.5	12.5	8.5	7.0	8.0	7.0	4.0	5.0	7.0	5.0	6.0
13	13.5	11.0	12.0	10.0	8.5	9.0	7.0	5.0	6.0	7.5	6.0	6.5
14	13.5	11.0	12.5	10.0	8.5	9.0	8.0	5.5	6.5	7.5	6.0	6.5
15	14.0	11.0	12.5	9.5	7.0	8.0	7.0	4.5	5.5	7.0	5.5	6.0
16	14.0	11.0	12.5	10.0	6.5	7.5	6.5	4.0	5.5	6.5	4.5	5.5
17	14.0	11.0	12.5	10.0	6.0	7.0	4.5	3.0	3.5	6.0	4.5	5.5
18	14.0	11.0	12.5	9.0	5.5	7.0	4.0	2.0	2.5	6.5	4.5	5.5
19	13.5	11.0	12.0	9.5	6.0	7.0	3.0	2.0	2.5	6.5	4.5	5.5
20	14.0	11.0	12.5	9.5	5.5	7.0	3.5	1.5	2.5	6.5	4.5	5.5
21	13.0	11.5	12.5	9.0	6.0	7.0	3.5	2.0	3.0	7.0	5.0	6.0
22	13.5	11.0	12.5	9.5	7.0	8.0	3.5	2.0	2.5	8.0	6.0	7.0
23	13.5	11.0	12.0	11.0	7.5	8.5	4.5	2.5	3.0	8.5	7.0	7.5
24	12.5	10.5	11.5	10.5	7.0	8.0	3.0	1.5	2.0	8.5	7.5	8.0
25	12.0	10.5	11.5	8.5	5.5	6.5	2.5	1.0	2.0	8.0	6.5	7.5
26	12.5	10.0	11.0	7.5	4.5	5.5	2.5	1.5	2.0	8.0	7.0	7.5
27	13.0	10.5	11.5	7.0	3.5	4.5	4.5	2.0	3.5	7.5	7.0	7.5
28	12.0	10.5	11.5	6.5	3.0	4.0	6.0	4.0	4.5	8.5	7.0	7.5
29	11.0	9.5	10.5	6.5	3.0	4.0	6.0	4.0	4.5	8.0	6.0	7.0
3 0	10.0	8.5	9.0	6.0	3.0	4.5	5.5	4.0	4.5	8.0	6.0	7.0
31	8.5	7.0	8.0				5.0	3.5	4.5	8.5	6.5	7.5
MONTH	17.0	7.0	12.5	11.0	3.0	6.8	8.5	1.0	4.2	8.5	3.0	6.0

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN		MAX		MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	6.5	7.5	7.5	5.5	6.0	11.0	9.0	10.0	11.0	9.5	10.5
2	7.0	5.5	6.0	9.0	5.0	6.5	11.0 9.5	6.5	8.5	11.5	10.0	10.5
3 4	6.5 5.0	4.5 3.5	5.5 4.5	8.5 8.5	5.5 5.5	7.0 7.0	8.5 8.0	6.0 5.5	7.0 6.5	11.5	10.0	10.5 11.0
5		2.5	4.5	8.5 10.0	5.0	7.5	8.5	5.5	7.0	13.0		11.5
6		2.0	3.0	11.0	6.5	8.0	8.0	6.5	7.5	13.0	11.0	12.0
7 8	3.5	1.0	2.0 2.0 2.5 3.5	11.5 12.5 11.5 11.0	6.5 7.0	9.0	10.0 12.5	6.5 8.0	8.5	12.5 11.0 10.0 11.5	10.5 9.5	11.5
9	4.0	1.0	2.5	11.5	7.5	9.0	13.5	10.0	12.0	10.0	8.5	9.0
10	5.0			11.0	8.0	9.5	14.0	11.0	12.5	11.5	7.5	9.5
	5.5	3.5	4.5 4.5 6.0	13.0 14.5	8.0	10.0	13.5	10.5	12.0	14.0		
12 13	5.0 7.5	4.5	6.0	14.5	10.0	11.0	11.0	8.5	10.0	16.5	12.5 13.5	14.5
14	9.5	6.0	7.5 8.0	13.5 12.5	8.5	10.5	8.5	7.0	7.5 8.0	17.0	15.0	16.0
15					8.5					16.0	14.0	15.0
16 17	8.5 8.0			11.0	7.5	9.0 7.0	9.0 10.0	8.0	8.5 9.0	15.5 15.5 15.0	13.0	14.0
18		5.0	7.0 6.5	10.5	5.0	7.5	10.5	8.5	9.0	15.0	12.5	13.5
19	6 0	5.0 5.0 5.0	6.5 5.5 6.0	10.5 10.5 13.0	6.0	8.0	11.5	8.5	10.0	14.5	11.5	13.0
20											12.0	14.0
	9.0	5.5	7.0 7.5 7.0 7.0	13.0	8.0	10.0 10.5 10.5 11.0	11.0	10.0	10.5	17.5	14.0	15.5
22 23	9.5 9.0	6.5 5.5	7.5	12.5	9.5	10.5	10.5	9.0 8.5	9.5	18.0 17.5	15.5 15.5	
24	8.0	6.5	7.0	13.5	9.0	11.0	13.0	10.0	11.5	16.5	15.0	16.0
25	6.5	5.0	6.0	13.5	9.0	11.0	11.0	8.5	10.0	16.0	14.5	15.0
26	8.5	4.0	6.0 6.0	12.5 10.0	10.0	10.5	11.5 11.0	8.0	10.0	15.5		14.0
27 28	7.0 8.0	4.5	6.0	9.5	8.5 7.5	9.5 8.5	11.0	9.0	10.0	17.5	14.0 16.0	15.5
29				11.5	7.5 7.0 8.0	9.0	11.5		10.5	17.5	15.5	16.5
30 31				13.0 11.5		10.5	12.0	8.5	10.5	17.0 17.0	15.0 14.5	16.0 16.0
MONTH	9.5	1.0	5.6	14.5	5.0	9.1	14.0	5.5	9.6		7.5	13.6
D 3 17	343 37	MITAT	3 CT 2 3 3 T	343 37	34737	1477737	343 37	34 7 37	34777337	343 37		34777337
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX		MEAN	MAX		MEAN
DAY	MAX	MIN JUNE	MEAN		JULY			AUGUST			MIN SEPTEMBE	
1	18.0	JUNE 15.0	16.5	21.5	JULY 19.5	20.5	25.0	AUGUST 23.0	24.0	21.5	SEPTEMBE	R 19.5
		JUNE 15.0 16.0	16.5 17.0 17.5	21.5 21.5 22.0	JULY 19.5 19.0 19.0	20.5 20.0 20.0	25.0 23.5 24.0	AUGUST 23.0 22.0 20.5		21.5 22.5	SEPTEMBE 18.0 19.0	R
1 2 3 4	18.0 18.5 19.0 19.0	JUNE 15.0 16.0 16.5 16.5	16.5 17.0 17.5	21.5 21.5 22.0	JULY 19.5 19.0 19.0	20.5 20.0 20.0	25.0 23.5 24.0	AUGUST 23.0 22.0 20.5	24.0 22.5 22.0 22.5	21.5 22.5 22.5 22.0	18.0 19.0 20.0 20.0	19.5 20.5 21.5 21.0
1 2 3	18.0 18.5 19.0	JUNE 15.0 16.0 16.5 16.5	16.5 17.0 17.5	21.5 21.5	JULY 19.5 19.0 19.0	20.5 20.0 20.0	25.0 23.5 24.0	AUGUST 23.0 22.0 20.5	24.0 22.5 22.0	21.5 22.5 22.5 22.0	18.0 19.0 20.0 20.0	19.5 20.5 21.5
1 2 3 4 5	18.0 18.5 19.0 19.0 19.0	JUNE 15.0 16.0 16.5 16.5 16.5	16.5 17.0 17.5 18.0 17.5	21.5 21.5 22.0 22.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0	20.5 20.0 20.0 20.5 21.0	25.0 23.5 24.0 24.0 25.0	23.0 22.0 20.5 21.5 21.0	24.0 22.5 22.0 22.5 22.5	21.5 22.5 22.5 22.0 22.5	SEPTEMBE 18.0 19.0 20.0 20.0 19.5	19.5 20.5 21.5 21.0 21.0
1 2 3 4 5	18.0 18.5 19.0 19.0 19.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5	16.5 17.0 17.5 18.0 17.5	21.5 21.5 22.0 22.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0	20.5 20.0 20.0 20.5 21.0	25.0 23.5 24.0 24.0 25.0	23.0 22.0 20.5 21.5 21.0	24.0 22.5 22.0 22.5 22.5	21.5 22.5 22.5 22.0 22.5	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0	19.5 20.5 21.5 21.0 21.0
1 2 3 4 5 6 7 8 9	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 16.5 17.5 18.0 18.0	16.5 17.0 17.5 18.0 17.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 22.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	20.5 20.0 20.5 21.0 20.5 21.0	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.5 20.5	24.0 22.5 22.0 22.5 22.5 22.5 23.0 22.0 21.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5	R 19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5
1 2 3 4 5 6 7 8	18.0 18.5 19.0 19.0 19.0 20.5 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 17.5	16.5 17.0 17.5 18.0 17.5	21.5 21.5 22.0 22.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0	20.5 20.0 20.0 20.5 21.0	25.0 23.5 24.0 24.0 25.0	23.0 22.0 20.5 21.5 21.0	24.0 22.5 22.0 22.5 22.5	21.5 22.5 22.5 22.0 22.5	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0
1 2 3 4 5 6 7 8 9 10	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 18.0 17.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 19.0 20.0	20.5 20.0 20.0 20.5 21.0 20.5 21.0 20.5 20.0 21.0 21.5	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5 23.5	23.0 22.0 20.5 21.5 21.5 20.5 20.5 20.0 20.0	24.0 22.5 22.0 22.5 22.5 23.0 22.0 22.0 21.5 21.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0
1 2 3 4 5 6 7 8 9 10	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 16.5 17.5 18.0 17.0 17.0	16.5 17.0 17.5 18.0 17.5 18.0 19.5 19.0 18.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 22.5 23.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.5 20.0 21.0 21.5	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5 23.5 23.5 23.5	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.5 20.0 20.0	24.0 22.5 22.0 22.5 22.5 22.5 23.0 22.0 22.0 21.5 21.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 19.5 17.0
1 2 3 4 5 6 7 8 9 10	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0	20.5 20.0 20.0 20.5 21.0 20.5 21.0 20.5 20.0 21.0 21.5	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5 23.5 23.5	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.5 20.0 20.0	24.0 22.5 22.0 22.5 22.5 23.0 22.0 22.0 21.5 21.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0
1 2 3 4 5 6 7 8 9 10	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0 24.0 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.5 20.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.0 21.5	25.0 23.5 24.0 24.0 25.0 24.5 24.0 23.5 23.5 23.5 23.5	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.5 20.0 20.0 20.0	24.0 22.5 22.0 22.5 22.5 22.5 23.0 22.0 21.5 21.5 21.5 21.5	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	18.0 18.5 19.0 19.0 20.5 20.5 20.5 20.0 20.0 20.0 20.0 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 18.5	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 18.0 18.5 19.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0 24.0 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 22.0 21.5 21.5	25.0 23.5 24.0 24.0 25.0 24.5 24.5 23.5 23.5 23.5 23.5 23.5 24.0 24.5 24.0 24.5	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.5 20.0 20.0 20.0 20.0 20.0 20	24.0 22.5 22.0 22.5 22.5 23.0 22.0 21.5 21.5 21.5 21.5 22.0 22.0 22.0 21.5	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 16.5 16.5 16.0 16.5 17.5 16.0 16.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0 20.0 20.0 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 18.0 17.0 17.0 17.0 17.0 17.0 17.0 18.5 20.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 18.0 18.0 18.5 19.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0 24.0 23.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 22.5 21.5 22.0 22.5 21.5	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	24.0 22.5 22.0 22.5 22.5 23.0 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 16.0 17.5 16.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	18.0 18.5 19.0 19.0 20.5 20.5 20.5 20.0 20.0 20.0 20.0 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 16.5 17.0 17.0 17.0 18.5 20.0 20.5	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 18.0 18.5 19.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0 24.0 23.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 20.0 21.0 21	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 22.0 21.5 21.5	25.0 23.5 24.0 25.0 24.5 24.5 23.5 23.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	24.0 22.5 22.0 22.5 22.5 23.0 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 16.0 17.5 14.5 14.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20.5 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 16.5 17.0 17.0 17.0 18.5 20.0 20.5	16.5 17.0 17.5 18.0 17.5 18.0 19.5 19.0 18.5 19.0 18.5 19.0 20.0 21.5 21.5	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.0 24.0 23.5 23.5 23.0	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 20.0 21.0 21	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 22.0 22.5 21.5	25.0 23.5 24.0 25.0 24.5 24.5 24.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0	23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 20.0 20	24.0 22.5 22.0 22.5 22.5 23.0 22.0 21.5 21.5 21.5 21.5 22.0 22.0 22.0 21.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 16.0 17.5 14.5 14.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 23.0 22.0 22.0 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 18.5 20.0 20.5 19.0 18.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.0 21.5 22.5 23.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.5 24.0	25.0 23.5 24.0 25.0 24.0 25.0 24.5 23.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.5 25.5 25.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 21.0 21.0 21.0 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 23.5 24.0 23.5	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 16.0 16.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 17.5 17.5 17.5 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	18.0 18.5 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 23.0 22.0 22.0 22.0 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 22.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.0 21.5 22.5 23.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 22.0 22.5 21.5 22.0 22.5 24.0	25.0 23.5 24.0 24.0 25.0 24.5 24.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.0 24.5 25.5 25.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.0 21.0 21.5 22.0 22.0 22.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 22.0 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 16.5 16.5 16.0 16.5 17.5 16.0 16.0 17.0 15.5 14.5 14.5 14.5 14.5 15.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 19.0 17.5 17.5 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	18.0 18.5 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 23.0 22.0 22.0 22.0 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.0 21.5 21.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.5 24.0	25.0 23.5 24.0 25.0 24.0 25.0 24.5 23.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.5 25.5 25.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.0 21.0 21.5 22.0 21.0 21.5 22.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 23.5 24.0 23.5	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 16.0 16.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5 17.5 17.5 17.5
1 2 3 4 4 5 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.0 22.0 22.0 22.0 22.0 20.5 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 18.0 18.0 18.0 19.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.0 21.5 21.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 22.5 22.0 22.5 23.0 22.5 23.5 24.0	25.0 23.5 24.0 25.0 24.5 24.5 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.0 25.0	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.0 21.0 21.5 22.0 21.0 21.5 22.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 22.5 23.5 24.0 23.5	21.5 22.5 22.5 22.0 22.5 22.5 22.0 20.5 19.5 18.0 19.0 19.0 19.0 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 14.5 14.5 14.5 14.5 15.5	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.5 17.5 17.5 17.5 17.5
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.0 20.5 21.0 22.0 22.0 22.0 22.0 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 21.0 21.5 21.5 22.5 23.0 22.0	20.5 20.0 20.0 20.5 21.0 20.5 21.0 21.5 22.0 21.5 22.0 22.5 21.5 21.5 21.5 21.5 22.0 22.5 22.5 23.0 24.0 24.5 24.0 22.5	25.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 25.0 26.5 27.5 28.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.5 21.0 21.0 21.5 22.0 21.5 22.0 22.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.5 24.0 23.5 24.0 22.5 23.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.0 19.0 17.0 16.5 17.5 19.0 19.0 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 16.5 17.5 14.5 14.5 14.5 14.5 15.5 16.5 17.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5 17.5 17.5 17.5 17.5 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	18.0 18.5 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 23.0 22.0 20.5 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 18.5 20.0 20.5 19.0 18.0 17.5 18.0 17.0 18.5 20.0 20.5 19.0 20.5 20.5 20.0 20.5 20.0 20.5 20.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 20.0 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.5 21.5 22.5 23.0 22.0 21.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.5 20.0 21.5 22.0 21.5	25.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 25.5 25.5 25.5 25.5 25.5 25.5 26.5 27.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 21.0 21.0 21.5 22.0 22.0 21.5 22.0 22.0 21.5 20.5 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 24.0 23.5 24.0 22.5 24.0 22.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 19.0 19.0 19.0 19.0 19.0 18.0 17.0 16.5 17.5 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 17.5 14.5 14.5 14.5 14.5 15.5 16.5 16.5 16.5 17.0 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 17.5 17.5 17.5 17.5 17.0 15.5 16.0 17.0 17.5 18.0
1 2 3 4 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.0 20.5 21.0 22.0 22.0 22.0 22.0 20.5 21.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 18.5 20.0 20.5 19.0 18.0 17.5 18.0 17.0 18.5 20.0 20.5 19.0 20.5 20.5 20.0 20.5 20.0 20.5 20.0	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 21.5 20.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 22.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.5 21.5 22.5 23.0 22.0 21.5 22.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5	25.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 25.0 26.5 27.5 28.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 21.0 21.0 21.5 22.0 22.0 21.5 22.0 22.0 21.5 20.5 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.5 24.0 23.5 24.0 22.5 23.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.0 19.0 17.0 16.5 17.5 19.0 19.0 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 17.5 14.5 14.5 14.5 14.5 15.5 16.5 16.5 16.5 17.0 17.0	19.5 20.5 21.5 21.0 21.0 21.0 20.5 19.5 18.0 17.5 17.0 17.5 17.5 17.5 17.5 17.0 15.5 16.0 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.5 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 18.0 17.0 17.0 17.0 17.0 18.5 20.0 20.5 19.0 17.5 16.5 16.5	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 20.0 21.5 20.0 19.0 18.5 19.0	21.5 21.5 22.0 22.5 23.0 22.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.5 21.5 22.5 23.0 22.0 21.5 22.5 23.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.5 20.0 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.6 24.5 24.0 25.5 26.5	25.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.5 25.5 25.5 25.5 25.5 26.5 27.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.0 21.0 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.5 24.0 23.5 24.0 22.5 24.0 22.5 24.0 23.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.0 19.5 18.5 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 18.0 16.5 16.5 16.0 17.5 14.5 14.5 14.5 15.5 16.5 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 17.5 17.5 17.5 17.5 17.5 18.0 17.5 18.5 18.5 18.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 23.0 22.0 23.0 22.0 23.0 22.0 23.0 22.0 23.0 22.0 23.0 25.0 20.0	JUNE 15.0 16.0 16.5 16.5 16.5 17.5 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 19.0 20.0 21.5 21.5 21.5 21.5 19.0 19.0	21.5 21.5 22.0 22.5 23.0 22.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.5 21.5 22.5 23.0 22.0 21.5 22.5 23.0 22.5 23.5 23.0	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.0 21.5 22.0 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.0 23.5 24.0 22.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.0 22.5 24.0 22.5 24.0	25.0 23.5 24.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.0 24.5 25.5 25.5 25.5 25.5 25.5 26.5 27.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.5 21.0 21.0 21.5 22.0 21.0 21.5 22.0 21.5 20.5 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 22.0 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.5 23.5 24.0 22.5 23.5 24.0 22.5 22.5 23.5 24.0 22.5 23.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 18.5 19.0 19.0 17.0 16.5 17.5 19.0 19.0 20.0 20.0 20.5	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 16.5 16.0 16.5 17.5 14.5 14.5 14.5 14.5 14.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 19.0 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	18.0 18.5 19.0 19.0 19.0 20.5 20.5 20.0 20.0 20.0 20.5 21.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.5 20.5	JUNE 15.0 16.0 16.5 16.5 16.5 18.0 17.0 17.0 17.0 17.0 18.5 20.0 20.5 19.0 17.5 16.5 16.5	16.5 17.0 17.5 18.0 17.5 18.0 19.0 19.5 19.0 18.5 19.0 20.0 21.5 20.0 19.0 18.5 19.0	21.5 21.5 22.0 22.5 23.0 22.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5	JULY 19.5 19.0 19.0 19.0 19.0 19.0 20.0 20.0 20.0 20.0 20.0 21.5 21.5 22.5 23.0 22.0 21.5 22.5 23.5 22.5	20.5 20.0 20.0 20.5 21.0 20.5 20.5 20.5 20.0 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 22.0 22.5 23.6 24.5 24.0 25.5 26.5	25.0 23.5 24.0 24.5 24.0 23.5 23.5 23.5 23.5 24.0 24.5 25.0 24.5 25.0 24.5 25.5 25.5 25.5 25.5 25.5 26.5 27.5 28.5 29.5	AUGUST 23.0 22.0 20.5 21.5 21.0 21.5 20.5 20.0 20.0 20.0 20.0 20.0 21.0 21.0 21.0	24.0 22.5 22.0 22.5 22.5 22.0 22.0 21.5 21.5 21.5 22.0 22.5 23.0 22.5 23.0 22.5 23.0 22.5 23.5 24.0 23.5 24.0 22.5 24.0 22.5 24.0 23.5	21.5 22.5 22.5 22.0 22.5 22.0 20.5 19.5 18.0 19.0 19.5 20.5 19.0 19.0 17.0 16.5 17.5 19.0 19.0 19.0 20.0 20.0 20.5	SEPTEMBE 18.0 19.0 20.0 20.0 19.5 19.5 16.5 16.0 16.5 17.5 14.5 14.5 14.5 14.5 14.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0 16.5 17.0	19.5 20.5 21.5 21.0 21.0 20.5 19.5 18.0 17.5 17.0 18.0 17.5 17.5 17.5 17.5 17.5 18.0 17.5 18.5 18.5 18.5

10351650 TRUCKEE RIVER AT WADSWORTH, NV

LOCATION.--Lat 39°37'56", long 119°16'56", in SW $^{1}/_{4}$ NW $^{1}/_{4}$ sec.3, T.20 N., R.24 E., Washoe County, Hydrologic Unit 16050102, in Pyramid Lake Indian Reservation, on left bank, 10 ft upstream from bridge on Nevada Highway 427, 0.2 mi southeast of Wadsworth and at mi 23.69 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,728 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1965 to September 1986, September 1993 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,070 ft above NGVD of 1929, from topographic map. Prior to September 1986 at site 0.5 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, several powerplants, many diversions for irrigation, and by Derby Dam. Truckee Canal diverts water at Derby Dam out of basin to Lahontan Reservoir into the Carson River Basin. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,390 ft³/s, May 30, gage height 6.77 ft; minimum daily, 16 ft³/s, December 14-15.

		DISC	HARGE, CUI	BIC FEET	PER SECOND,	WATER YI	EAR OCTOBER	2002 TO	SEPTEMBER	2003	,	
						MEAN V						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	359	108	21	155	54	36	79	741	1090	276	229	198
2	336	52	21	225	53	35	162	801	1080	224	228	200
3	159	47	20	338	53	35	109	907	1010	164	342	195
4	82	45	19	356	62	3 5	87	908	932	160	295	189
5	70	44	19	337	186	34	98	866	889	154	267	210
6	68	43	19	336	238	34	95	757	793	176	215	182
7	66	42	19	332	117	31	91	689	734	185	209	146
8	68	64	18	320	50	28	85	632	799	184	222	163
9	70	122	18	307	46	28	72	608	803	171	190	197
10	69	95	17	343	44	27	84	570	797	173	188	229
11	82	56	17	350	44	27	83	567	697	200	197	246
12	75	49	17	349	43	26	82	535	573	257	191	247
13	76	47	17	331	42	25	181	505	488	273	204	266
14	73	45	16	325	41	25	254	504	448	271	197	266
15	62	42	16	323	41	26	134	728	449	255	197	259
16	59	31	20	310	41	31	108	811	410	220	172	263
17	60	26	195	313	41	40	171	724	365	190	175	212
18	60	25	36	329	40	36	312	692	377	146	198	222
19	61	24	30	343	40	33	339	729	376	181	153	223
20	63	23	29	342	39	31	336	712	350	163	166	256
21	62	23	28	296	38	29	349	690	326	155	201	262
22	62	23	28	296 86	37	27	354	691	326	186	294	286
23 24	62	23 23	28 28	54	37	27	369 340	834	299	180	288	293
	61			64	37	30		948	365	179	189	284
25	61	23	28	81	36	38	448	997	296	178	183	269
26	61	22	28	62	36	41	508	932	211	215	169	280
27	62	22	28	57	35	173	515	874	204	260	170	309
28	62	22	28	54	35	158	517	1080	224	269	185	337
29	142	22	27	64		84	549	1150	234	311	183	354
30	204	22	28	59		47	669	1200	255	316	190	350
31	221		43	56		51		1210		194	194	
TOTAL	3078	1255	905	7297	1606	1328	7580	24592	16179	6466	6481	7393
MEAN	99.3	41.8	29.2	235	57.4	42.8	253	793	539	209	209	246
MAX	359	122	195	356	238	173	669	1210	1090	316	342	354
MIN	59	22	16	54	35	25	72	504	204	146	153	146
AC-FT	6110	2490	1800	14470	3190	2630	15030	48780	32090	12830	12860	14660
STATIST	CICS OF MC	NTHLY MEA	N DATA F	OR WATER	YEARS 1965	- 2003	, BY WATER	YEAR (W	Y)			
MEAN	226	374	580	902	969	1104	1101	1576	1190	451	213	234
MAX	905	2786	3965	7378	3837	4979	3595	4164	5882	2776	857	1218
(WY)	1983	1984	1984	1997	1997	1986	1969	1982	1983	1983	1983	1983
MIN	1.72	17.6					34.5	45.7	26.9	22.3		
(WY)	1995	1994	9.57 1995	9.01 1994	9.42 1994	26.3 1979	1979	1977	1966	1966	16.8 1994	6.80 1994
CITALL DA			EOD	0000 031			EOD 0000 M	3000 1103		WATER YEA	DG 1065	0000
	STATISTI	.CS	FOR		ENDAR YEAR		FOR 2003 W	AIEK IEA	ĸ	WAIER IEA	KS 1965 -	2003
ANNUAL ANNUAL				68615 188			84160 231			746		
	' ANNUAL M	IEAN		100			231			2677		1983
LOWEST	ANNUAL ME	EAN								55.3		1977
	DAILY ME			778				May 3		17500		
	DAILY MEA				Dec 14			Dec 1			6 Oct 11	
		MINIMUM		17	Dec 9		17			0.6	2 Oct 10	
	I PEAK FLO						1390			19100	Jan 3	
	I PEAK STA							7 May 3	0	19.6	4 Jan 3	1997
	RUNOFF (A			136100			166900			540600		
	ENT EXCEE			437			647			2230		
	ENT EXCEE			111			172			322		
90 PERC	ENT EXCEE	EDS		28			27			27		

10351700 TRUCKEE RIVER NEAR NIXON, NV

LOCATION.--Lat 39°46′40", long 119°20′10", in SW 1 /₄ NW 1 /₄ sec.18, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, on right bank, 1.0 mi upstream from Numana Dam, 4 mi south of Nixon, and at mi 9.42 upstream from Marble Bluff Dam.

DRAINAGE AREA.--1.827 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to current year. Records kept by Federal Court Watermaster April to June 1926, May 1928 to September 1957 at site 1.0 mi downstream (Truckee River below Pyramid Dam, near Nixon, Nev.) not equivalent, but would be equivalent by adding flow of Indian Canal, both of which are available in files of Federal Court Watermaster. Currently, these records are kept only at times of diversion to the canal. At other times, the records are equivalent.

REVISED RECORDS.--WDR NV-83-1: 1980 (monthly runoff).

GAGE.--Water-stage recorder. Elevation of gage is 3,940 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Tahoe (station 10337000), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, other lakes, powerplants, and many diversions for irrigation. Truckee Canal often diverts much of the flow at Derby Dam, about 25 mi upstream, out of basin to Lahontan Reservoir (station 10312100). Several diversions for irrigation between station and Truckee Canal. One irrigation canal diverts between station and mouth of river. See schematic diagram of Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,200 ft³/ s, January 3, 1997, gage height, 15.28 ft; minimum daily, 3.3 ft³/ s, July 9, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,290 ft³/s, May 30, gage height, 5.46 ft; minimum daily, 30 ft³/s, December 14, 15.

		DISC	HARGE, CUI	BIC FEET	PER SECOND,	WATER YE Y MEAN VA		2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	384	e158	36	126	70	49	69	e741	1090	303	219	194
2	382	e71	36	187	67	49	173	e801	1070	249	256	194
3	258	e61	3.5	348	65	4.8	130	e907	990	191	330	200
4	124	e60	35	385	65	48	114	e908	926	178	334	193
5	99	60	34	368	141	48	105	e866	872	169	291	198
6	85	62	33	367	245	48	114	e757	804	178	240	202
7	82	68	34	359	168	4.7	109	e689	719	202	220	151
8	81	66	33	361	79	4 7	107	605	760	196	236	175
9	82	131	33	338	61	41	100	595	792	189	203	186
10	82	116	33	373	60	40	104	563	755	184	200	226
11	90	85	32	386	60	38	106	552	743	185	205	248
12	95	69	32	386	58	3 9	106	e569	632	241	204	256
13	93	66	32	367	58	37	126	511	556	259	209	272
14	93	63	3 0	363	56	37	310	484	499	262	197	274
15	86	61	3 0	360	55	3 9	184	625	510	259	197	272
16	78	55	31	352	55	41	139	767	478	223	186	275
17	76	46	167	344	54	51	148	734	425	218	168	246
18	78	42	76	365	55	52	275	660	436	160	206	245
19	e72	41	50	372	55	4 9	372	715	431	192	180	241
20	e73	40	46	377	54	46	363	677	427	184	153	267
21	e74	39	44	374	53	44	383	703	366	163	198	276
22	e73	40	44	163	52	43	383	670	365	185	274	293
23	e73	40	43	84	51	42	403	786	342	194	328	289
24	e73	40	43	75	51	45	370	927	397	196	210	277
25	75	38	43	101	51	56	434	973	362	204	188	276
26	74	38	43	84	e50	57	510	943	255	207	165	273
27	75	3.8	41	77	e48	111	524	858	216	275	167	312
28	74	37	42	73	49	222	541	1010	232	275	187	342
29	119	37	40	75		118	540	1120	251	315	186	376
30	179	36	41	78		82	644	1150	247	338	190	386
31	238		46	72		66		1190		266	191	
moma r	2600	1004	1220	0110	1006	1006	7006	04056	16040	6040	6810	5615
TOTAL MEAN	3620 117	1804 60.1	1338	8140 263	1986 70.9	1776 57.3	7986 266	24056 776	16948 565	6840 221	6718 217	7615 254
MAX	384	158	167	386	245	222	644	1190	1090	338	334	386
MIN	72	36	30	72	48	37	69	484	216	160	153	151
AC-FT	7180	3580	2650	16150	3940	3520	15840	47720	33620	13570	13330	15100
									33020	133,0	13330	15100
STATIST	CICS OF MO	ONTHLY MEA	N DATA F	OR WATER	YEARS 1958	3 - 2003,	, BY WATER	YEAR (WY)				
MEAN	184	269	441	642	739	775	840	1269	913	335	167	183
MAX	917	2659	3905	7378	3887	4764	3392	4289	5398	2786	816	1172
(WY)	1983	1984	1984	1997	1997	1986	1969	1958	1983	1983	1983	1983
MIN	15.2	18.0	17.5	18.5	20.5	22.4	19.8	21.9	14.8	15.2	16.4	16.3
(WY)	1995	1993	1993	1962	1994	1961	1961	1992	1960	1992	1962	1994
SUMMARY	STATIST	CS	FOR	2002 CAL	ENDAR YEAR	1	FOR 2003 W	ATER YEAR		WATER YEARS	S 1958	- 2003
ANNUAL	TOTAL			72259			88827					
ANNUAL				198			243			562		
	ANNUAL N	1EAN								2609		1983
LOWEST	ANNUAL ME	EAN								24.1		1992
HIGHEST	DAILY ME	EAN		810	Jun 1		1190	May 31		19300	Jan	3 1997
LOWEST	DAILY MEA	AN		3 0	Dec 14		3 0	Dec 14		3.3	Jul	9 1991
	SEVEN-DAY			31	Dec 10		31	Dec 10		6.2		3 1992
	M PEAK FLO						1290	May 30		21200		3 1997
MAXIMUM	M PEAK STA	AGE					5.4	6 May 30		15.28	Jan	3 1997
	RUNOFF (A			143300			176200			407100		
	CENT EXCE			435			628			1740		
	CENT EXCE			114			180			119		
90 PERC	CENT EXCE	EDS		43			41			25		

e Estimated

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: May 1980 to September 1983; August 1993 to current year.

WATER TEMPERATURE: May 1980 to September 1983, July 1988 to current year.

INSTRUMENTATION.--Specific conductance recorder, August 1993 to current year, four times per hour. Water temperature recorder, July 1988 to August 1992, hourly; September 1992 to current year, four times per hour.

REMARKS.--Records represent water temperature at probe within 0.5°C. Interruptions in the record were due to instrument malfunctions.

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum daily, 1,350 microsiemens/cm at 25°C, October 31, November 1, 1994; minimum daily, 74 microsiemens/cm at 25°C, April 12, 1983.

WATER TEMPERATURE: Maximum daily, 30.0°C, July 10, 1991; minimum daily, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum recorded, 927 microsiemens/cm at 25°C, December 4; minimum recorded, 133 microsiemens/cm at 25°C, May 30.

WATER TEMPERATURE: Maximum recorded, 29.5°C, July 21, 22; minimum, freezing point December 25, February 7, 8.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NO	OVEMBER		DI	ECEMBER			JANUARY	?
1	291	283	287	383	263	293	788	760	776	641	316	494
2	284	278	281	472	383	435	871	783	834	345	318	330
3	351	277	300	508	460	483	915	871	893	356	332	347
4	430	351	396	527	497	513	927	899	914	350	340	345
5	464	430	447	542	515	530	924	771	815	358	346	352
6	487	456	470	548	526	539	805	784	796	359	330	344
7	489	474	483	553	513	538	822	795	806	332	317	324
8	491	477	486	573	539	558	825	795	808	333	320	324
9	493	468	478	572	433	527	841	810	825	336	330	332
10	505	458	473	456	421	440	863	838	846	338	332	335
11	479	444	465	497	450	473	887	862	874	334	328	331
12	450	411	428	525	427	482	895	860	876	342	333	336
13	452	417	431	554	507	525	900	863	884	357	336	342
14	463	406	428	560	520	543	864	841	852	352	343	347
15	461	412	431	571	545	558	875	857	867	359	352	357
16	475	442	454	588	563	575	883	853	869	357	351	354
17	480	450	462	661	583	617	887	432	655	363	356	360
18	502	450	467	703	658	676	454	395	417	368	362	365
19	487	457	467	717	688	704	568	454	519	375	366	371
20	471	450	463	726	701	715	625	568	603	379	373	375
21	465	431	452	740	720	729	644	621	630	380	374	377
22	473	447	463	745	728	737	645	622	633			
23	490	444	466	751	730	740	671	642	657			
24	478	438	462	745	728	735	700	668	689			
25	476	436	453	766	734	747	695	679	688			
26	479	443	455	784	735	759	714	691	701			
27	481	441	461	769	738	752	708	684	692			
28	489	437	462	769	747	758	706	660	685			
29	476	322	432	794	756	768	672	658	665			
30	322	274	297	799	775	788	665	646	655			
31	279	258	266				649	633	640			
MONTH	505	258	428	799	263	608	927	395	744			

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2111		FEBRUARY			MARCH	112121		APRIL			MAY	
		I BDROFIICI			rancon			HIKID			1111	
1				639	617	627	486	465	477	250	238	244
2				643 645	618 626	629 633	467 306	256 259	340 288	239 231	229 196	235 213
4				647	627	636	345	301	321	201	195	198
5				653	629	641	361	345	356	214	201	209
6				656	637	645	354	322	340	224	209	214
7				659	635	649	351	338	345	223	216	218
8				704	647	674	363	349	354	225	220	222
9 10				702 731	669 692	687 703	388 399	359 374	368 387	230 236	224 230	228 233
11	F.C.F.	552	557	764	719	740	275	2.61	265	241	221	237
12	565 569	552 561	557 565	764 756	719	740	375 375	361 365	365 369	241 245	231 237	242
13	577	567	572	762	735	752	373	319	359	249	242	247
14	585	572	579	812	739	779	319	207	227	263	247	257
15	596	584	591	761	729	742	280	221	254	260	239	250
16	595	589	592	776	703	758	322	278	304	240	222	230
17	596	588	592	716	657	693	361	279	314	232	221	227
18	601	592	596	664	603	633	279	218	249	230	224	227
19	600	590	594	662	615	635	231	216	223	227	221	224
20	598	587	594	680	629	645	240	225	234	225	221	223
21	607	591	599	705	644	673	244	231	239	227	222	225
22	618	605	608	747	699	719	246	240	243	230	223	227
23	620	601	612	727	663	695	247	241	244	223	214	219
24 25	623 625	615 615	619 621	730 672	665 602	690 629	256 261	246 253	253 256	219 209	209 156	216 185
26	625	605	619	625	603	618	254	244	251	177	156	166
27	634	612	624	613	387	576	248	240	245	191	163	179
28	634	617	626	387	247	263	241	237	239	184	168	177
29				330	258	300	254	237	244	183	137	156
30				426	330	369	258	250	255	168	133	148
31				486	426	466				162	135	146
MONTH				812	247	634	486	207	298	263	133	214
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX		MEAN			MEAN			
		JUNE			JULY		I	AUGUST		S	SEPTEMBE	R
1	181	JUNE 159	168	285	JULY 262	270	324	AUGUST	300	327	SEPTEMBE 321	R 324
	181 169	JUNE 159 141	168 146	285 288	JULY 262 260	270 273	324 300	AUGUST 277 278	300 287	327 325	321 317	R 324 322
1 2	181	JUNE 159	168	285	JULY 262	270	324	AUGUST	300	327	SEPTEMBE 321	R 324
1 2 3	181 169 162	JUNE 159 141 139	168 146 148	285 288 306	JULY 262 260 261	270 273 287	324 300 297	AUGUST 277 278 262	300 287 284	327 325 325	321 317 315	R 324 322 320
1 2 3 4 5	181 169 162 160 167	JUNE 159 141 139 140 146	168 146 148 151 157	285 288 306 341 341	JULY 262 260 261 282 292	270 273 287 303 314	324 300 297 279 292	277 278 262 259 278	300 287 284 273 285	327 325 325 325 325 330	321 317 315 320 318	324 322 320 322 325
1 2 3 4	181 169 162 160	JUNE 159 141 139 140	168 146 148 151	285 288 306 341	JULY 262 260 261 282	270 273 287 303	324 300 297 279	277 278 262 259	300 287 284 273	327 325 325 325 325	321 317 315 320	324 322 320 322
1 2 3 4 5	181 169 162 160 167	JUNE 159 141 139 140 146	168 146 148 151 157	285 288 306 341 341	JULY 262 260 261 282 292	270 273 287 303 314	324 300 297 279 292	277 278 262 259 278	300 287 284 273 285	327 325 325 325 325 330	321 317 315 320 318 314	R 324 322 320 322 325 320
1 2 3 4 5 6 7 8 9	181 169 162 160 167 182 184 173 183	JUNE 159 141 139 140 146 165 171 159 158	168 146 148 151 157 175 179 166	285 288 306 341 341 339 323 316 350	JULY 262 260 261 282 292 290 284 262 272	270 273 287 303 314 314 297 287 298	324 300 297 279 292 306 317 315 328	277 278 262 259 278 292 303 299 301	300 287 284 273 285 300 311 308 314	327 325 325 325 325 330 329 345 346 340	321 317 315 320 318 314 328 327 329	324 322 320 322 325 320 340 336 333
1 2 3 4 5	181 169 162 160 167 182 184 173	JUNE 159 141 139 140 146 165 171 159	168 146 148 151 157 175 179 166	285 288 306 341 341 339 323 316	JULY 262 260 261 282 292 290 284 262	270 273 287 303 314 314 297 287	324 300 297 279 292 306 317 315	277 278 262 259 278 292 303 299	300 287 284 273 285 300 311 308	327 325 325 325 330 329 345 346	321 317 315 320 318 314 328 327	324 322 320 322 325 320 340 336
1 2 3 4 5 6 7 8 9	181 169 162 160 167 182 184 173 183	JUNE 159 141 139 140 146 165 171 159 158	168 146 148 151 157 175 179 166	285 288 306 341 341 339 323 316 350	JULY 262 260 261 282 292 290 284 262 272	270 273 287 303 314 314 297 287 298	324 300 297 279 292 306 317 315 328	277 278 262 259 278 292 303 299 301	300 287 284 273 285 300 311 308 314	327 325 325 325 325 330 329 345 346 340	321 317 315 320 318 314 328 327 329	324 322 320 322 325 320 340 336 333
1 2 3 4 5 6 7 8 9 10	181 169 162 160 167 182 184 173 183 180	JUNE 159 141 139 140 146 165 171 159 158 156	168 146 148 151 157 175 179 166 171 167	285 288 306 341 341 339 323 316 350 362	JULY 262 260 261 282 292 290 284 262 272 289 277 241	270 273 287 303 314 314 297 287 298 303	324 300 297 279 292 306 317 315 328 333	277 278 262 259 278 292 303 3299 301 316	300 287 284 273 285 300 311 308 314 325	327 325 325 325 330 329 345 346 340 333	321 317 315 320 318 314 328 327 329 315 307 295	324 322 320 322 325 320 340 336 333 325 316 302
1 2 3 4 5 6 7 8 9 10	181 169 162 160 167 182 184 173 183 180	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 169	168 146 148 151 157 175 179 166 171 167	285 288 306 341 341 339 323 316 350 362 337 303 289	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229	270 273 287 303 314 314 297 287 298 303 294 262 251	324 300 297 279 292 306 317 315 328 333 339 336 331	277 278 262 259 278 292 303 299 301 316	300 287 284 273 285 300 311 308 314 325 335 331 325	327 325 325 325 330 329 345 346 340 333 324 309 303	321 317 315 320 318 314 328 327 329 315	324 322 320 322 325 325 340 336 333 325 316 302 296
1 2 3 4 5 6 7 8 9 10	181 169 162 160 167 182 184 173 183 180	JUNE 159 141 139 140 146 165 171 159 158 156	168 146 148 151 157 175 179 166 171 167	285 288 306 341 341 339 323 316 350 362	JULY 262 260 261 282 292 290 284 262 272 289 277 241	270 273 287 303 314 314 297 287 298 303	324 300 297 279 292 306 317 315 328 333	277 278 262 259 278 292 303 3299 301 316	300 287 284 273 285 300 311 308 314 325	327 325 325 325 330 329 345 346 340 333	321 317 315 320 318 314 328 327 329 315 307 295	324 322 320 322 325 320 340 336 333 325 316 302
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	181 169 160 167 182 184 173 183 180 178 185 204 202 204	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 169 182 186	168 146 148 151 157 175 179 166 171 167 168 177 180 191	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268	JULY 262 260 261 282 290 290 284 262 272 289 277 241 229 222 222	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330	277 278 262 259 278 292 303 329 301 316 324 320 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326	327 325 325 325 330 329 345 346 340 333 324 309 303 298	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288	324 322 320 322 325 320 340 336 333 325 316 302 296 294 294
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16	181 169 162 160 167 182 184 173 183 180 178 204 202 204	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 230	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	181 169 160 167 182 184 173 183 180 178 185 204 202 204	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 169 182 186	168 146 148 151 157 175 179 166 171 167 168 177 180 191	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268	JULY 262 260 261 282 290 290 284 262 272 289 277 241 229 222 222	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330	277 278 262 259 278 292 303 329 301 316 324 320 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326	327 325 325 325 330 329 345 346 340 333 324 309 303 298	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288	324 322 320 322 325 320 340 336 333 325 316 302 296 294 294
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 169 182 186	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240 255 253 295 304	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 284 291 308	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 169 182 186	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 230 230 250	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330	277 278 262 259 278 292 303 299 301 316 331 324 323 323 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 326 331 325 328 326	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288	324 322 320 322 325 320 340 336 333 325 316 302 296 294 294 294
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	181 169 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 226 232 240	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 234 238 247	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 341 316 323	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 230 230 230 282 283	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240 255 253 295 304 291	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 343 343 343 343 343 343	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 336 303	300 287 284 273 285 300 311 308 314 325 331 325 328 326 331 339 321 324 350	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 311 317 320 321	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 290 288 291 308 308	324 322 320 322 325 325 320 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 226 232	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 234 238 247 249	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 230 250 282 283	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240 255 253 295 304 291	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 337 364	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 336 311 336	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326 331 329 321 324 350	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320 321	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 308 308	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	181 169 162 160 167 182 184 173 183 180 178 1204 202 204 216 235 240 241 245 256 262 266	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 240 243 256	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234 238 247 249 262	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271	270 273 287 303 314 297 287 298 303 294 262 251 245 245 240 255 253 295 304 291	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 336 313 314 324 320 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326 331 329 321 329 321 329 321 321 321 322 328	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320 321 310 309 295	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 309 308 308 308	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 226 232	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 234 238 247 249	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 230 250 282 283	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240 255 253 295 304 291	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 337 364	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 336 311 336	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326 331 329 321 324 350	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320 321	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 308 308	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245 256 262 266 262 285	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 240 243 256 251 255	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 234 238 247 249 262 257 270	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316 323 327 294 294 283	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271 275 276	270 273 287 303 314 314 297 287 298 303 294 262 251 245 245 240 255 253 295 304 291 300 300 281 283 280	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 323 323 323 323 327 327	300 287 284 273 285 300 311 308 314 325 335 325 328 326 331 325 328 326 311 329 321 321 324 350	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 311 317 320 321 310 309 295 314 281	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 290 288 291 309 308 308 308	324 322 320 322 325 325 320 340 336 333 325 316 302 296 294 294 294 292 304 315 315 314
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 225 240 241 245 256 266 262	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 226 232 240 243 256 251	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234 238 247 249 262 257	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 250 282 283 288 276 271 275	270 273 287 303 314 297 287 298 303 294 262 251 245 240 255 2253 295 304 291 300 300 281 283	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364	277 278 262 259 278 292 303 299 301 316 331 324 323 323 323 323 323 323 323 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326 331 329 321 324 350 317 311 284 303	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320 321 310 309 295 314	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 284 291 309 308 308 300 284 278 278	324 322 320 322 325 320 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	181 169 162 160 167 182 184 173 183 180 178 120 204 202 204 216 235 240 241 245 256 262 266 262 285	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 240 243 256 251 255	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234 238 247 249 262 257 270 305	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316 323 327 294 294 283	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271 275 276	270 273 287 303 314 297 287 298 303 294 262 251 245 240 255 253 295 304 291 300 300 281 283 280	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364 337 374 290 311 317	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 336 313 314 324 320 323 323 323 323 323	300 287 284 273 285 300 311 308 314 325 335 331 325 328 326 331 329 321 324 350 317 311 284 303 313 336 337 337 338 339 331 331 331 331 331 331 331	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 298 311 317 320 321 310 309 295 314 281	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 309 308 308 308 308 308	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314 305 228 2277 278
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245 256 262 266 262 285 322 317 313 304	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 240 243 256 251 255 284 301 302 293	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234 238 247 249 262 257 270 305 307 307 307	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316 323 327 294 294 283	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271 275 276 267 245 249 243	270 273 287 303 314 314 297 287 298 303 294 262 251 245 245 240 255 253 295 304 291 300 300 281 283 280 282 251 245 246	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364 374 290 311 317	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 323 323 323 323 323	300 287 284 273 285 300 311 308 314 325 335 328 326 331 339 321 324 350 317 311 284 303 313 336 350 348 336	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 311 317 320 321 310 309 295 314 281 281 282 280 254	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 309 308 308 308 308 276 277 275 275 275 275 277 247	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314 305 226 2277 278 277 278 277 268 248
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	181 169 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245 256 262 262 285 322 317 313 304 300	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 226 232 240 243 255 284 301 302 293 281	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 234 238 247 249 262 257 270 305 307 307 307 299 292	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316 323 327 294 294 283 289 267 257 257 257 257 257 257 257 257 257 25	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271 275 276 267 245 249 243 238	270 273 287 303 314 314 297 287 298 303 294 262 251 245 240 255 253 295 304 291 300 300 300 281 283 280 282 251 245 245 245 245 245 245 245 245 245 245	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364 374 290 311 317	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 323 323 323 323 323	300 287 284 273 285 300 311 308 314 325 328 326 331 325 328 326 331 325 328 326 331 325 328 326 331 331 325 328 326 331 331 331 332 3331 332 3331 3331	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 311 317 320 321 310 309 295 314 281 282 280 254 258	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 309 308 308 308 308 276 271 275 271 275 271 244 249	324 322 320 322 325 340 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314 305 294 285 282 277 278 277 268 248 254
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	181 169 162 160 167 182 184 173 183 180 178 185 204 202 204 216 235 240 241 245 256 262 266 262 285 322 317 313 304	JUNE 159 141 139 140 146 165 171 159 158 156 160 169 182 186 198 213 222 240 243 256 251 255 284 301 302 293	168 146 148 151 157 175 179 166 171 167 168 177 180 191 196 206 222 232 234 238 247 249 262 257 270 305 307 307 307	285 288 306 341 341 339 323 316 350 362 337 303 289 286 268 284 297 327 341 316 323 327 294 294 283	JULY 262 260 261 282 292 290 284 262 272 289 277 241 229 222 222 230 230 250 282 283 288 276 271 275 276 267 245 249 243	270 273 287 303 314 314 297 287 298 303 294 262 251 245 245 240 255 253 295 304 291 300 300 281 283 280 282 251 245 246	324 300 297 279 292 306 317 315 328 333 339 336 331 333 330 340 343 338 337 364 374 290 311 317	277 278 262 259 278 292 303 299 301 316 331 324 320 323 323 323 323 323 323 323 323 323	300 287 284 273 285 300 311 308 314 325 335 328 326 331 339 321 324 350 317 311 284 303 313 336 350 348 336	327 325 325 325 330 329 345 346 340 333 324 309 303 298 298 311 317 320 321 310 309 295 314 281 281 282 280 254	321 317 315 320 318 314 328 327 329 315 307 295 288 290 288 291 309 308 308 308 308 276 277 275 275 275 275 277 247	324 322 320 322 325 325 340 336 333 325 316 302 296 294 294 294 292 304 313 315 314 305 226 2277 278 277 278 277 268 248

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBER		D	ECEMBER			JANUARY	
1	15.0	12.5	13.5	6.5	4.0	5.5	6.5	1.0	3.5	4.0	2.5	3.5
2	13.5		12.0	6.5		4.5	7.5		5.0	5.0	3.0	4.0
3	14.0	9.5	12.0	5.0	1.5	3.5	7.0	2.0	4.5	5.0	3.0	4.0
4	15.5	13.0	14.0	6.5	1.5	4.0	7.5	2.5	4.5	5.5	3.5	4.5
5	16.5	12.0	14.0	7.0	2.0	4.5	6.0	2.0	4.0	6.5	4.5	5.5
6	18.0	12.5	15.0	7.0	3.0	5.0	6.5	2.5	4.0	5.5	3.0	4.5
7	18.5	13.0	16.0	9.5	5.5	7.0	6.5	2.5	4.0	5.0	2.5	3.5
8	18.0	13.0	15.5	9.5 9.0	7.0	8.0	5.5 4.5	1.0	3.0	4.5	2.5	3.5
9	16.5	12.0	14.5	9.0	7.0 7.5	8.0	4.5 3.5	1.5	2.5	5.5	3.5 5.0	4.5
10	15.5	13.0	14.0	8.5	7.5	8.0	3.5	1.5	2.5	6.0	5.0	5.5
11	15.0	10.5	13.0	9.5	6.5	8.0	5.0	1.5	3.0	6.0	5.0	5.5
12	14.5	10.5	12.5	9.5	6.5 6.5	8.0	6.0	1.5	3.5	7.0	5.0	6.0
13	14.0		12.0	10.5	8.0	9.0	6.0	3.5	5.0	7.0	5.0	6.0
14 15	14.5	10.0	12.0		7.5 5.5	8.5	7.5	5.0	6.0	6.5	5.0	6.0
15	14.5	10.5	12.5	9.0	5.5	7.0	6.0	4.5	5.0	7.0	5.0	6.0
16	15.0	10.0	12.5	8.0	5.0	6.5	6.0	4.0	5.0	6.5	4.0	5.5
17	15.0	10.5	12.5	9.0	5.0	6.5	5.0	3.5	4.5	6.0	4.0	5.0
18	14.5		12.5	7.5	4.0	5.5	5.0		3.5	6.0	3.5	5.0
19 20	14.5 14.0	10.0	12.0 12.0	9.0 9.0	3.5	5.5 6.0	2.5		2.0	6.0	3.5 3.5	5.0 5.0
20	14.0	10.0	12.0	9.0	4.0	6.0	3.5	1.0	2.5	6.5	3.3	5.0
21	14.5	10.5	12.5	8.5	4.0	6.0	3.5	2.0	2.5	6.5	4.5	5.5
22	14.0	10.0	12.0	8.5	5.5	7.0	3.0		2.0	7.5	5.0	6.0
23	14.0		12.0	11.0		8.5	3.0		2.0	8.5	7.0	8.0
24 25	13.0 12.5	9.0 9.5	11.0 11.0		6.5 4.5	8.0 6.0	2.0	0.5	1.0	8.5 10.0	7.0 7.5	8.0 9.0
25	12.5	9.5	11.0	5.0	4.5	6.0	2.0	0.0	1.0	10.0	7.5	9.0
26	13.0	9.5	11.0	7.5	2.0	4.5	1.5	1.0	1.0	9.0	7.5	8.0
27	13.5	9.5	11.5	6.5	1.0	3.5	4.0	1.0	2.5	8.0	7.0	7.5
28	12.5	9.5	11.0	6.5	0.5	3.0	5.0	3.0	4.0	8.5	6.5	7.5
29 30	11.0	8.0	9.5 8.5	6.0 5.0	0.5	3.0	5.5	2.5	3.5	8.5	6.5	7.5
31	9.5 8.5	7.0 5.5	7.0	5.0	1.5	3.0	4.5 5.5	3.0	3.5 4.0	10.0 10.0	6.5 7.0	8.0 8.5
MONTH	18.5	5.5	12.3	11.0	0.5	6.0	7.5	0.0	3.4	10.0	2.5	5.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY		MIN FEBRUARY			MIN MARCH	MEAN		MIN APRIL	MEAN	MAX	MIN MAY	MEAN
DAY 1					MARCH	MEAN 6.0		APRIL	MEAN	MAX 13.5		MEAN
1 2	9.0 7.0	FEBRUARY 5.5 3.5	7.5 5.5	8.5 9.0	MARCH 4.5 4.0	6.0 6.5	14.0 12.0	APRIL 11.0 8.0	12.0 10.0	13.5 12.5	MAY 8.5 10.5	11.0 11.5
1 2 3	9.0 7.0 7.0	FEBRUARY 5.5 3.5 3.5	7.5 5.5 5.0	8.5 9.0 8.0	MARCH 4.5 4.0 5.5	6.0 6.5 6.5	14.0 12.0 9.5	APRIL 11.0 8.0 7.0	12.0 10.0 8.5	13.5 12.5 13.5	MAY 8.5 10.5 10.0	11.0 11.5 11.5
1 2	9.0 7.0	FEBRUARY 5.5 3.5	7.5 5.5	8.5 9.0 8.0	MARCH 4.5 4.0	6.0 6.5	14.0 12.0 9.5	APRIL 11.0 8.0 7.0	12.0 10.0 8.5 8.0	13.5 12.5 13.5 14.0	MAY 8.5 10.5	11.0 11.5
1 2 3 4	9.0 7.0 7.0 5.0	5.5 3.5 3.5 3.0	7.5 5.5 5.0 4.0	8.5 9.0 8.0 8.5	MARCH 4.5 4.0 5.5 4.0	6.0 6.5 6.5 6.5	14.0 12.0 9.5 9.0	APRIL 11.0 8.0 7.0	12.0 10.0 8.5	13.5 12.5 13.5	MAY 8.5 10.5 10.0 10.5	11.0 11.5 11.5 11.5
1 2 3 4 5	9.0 7.0 7.0 5.0 4.5	5.5 3.5 3.5 3.0 1.5	7.5 5.5 5.0 4.0 3.5	8.5 9.0 8.0 8.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.0	6.0 6.5 6.5 6.5 7.5	14.0 12.0 9.5 9.0 10.0	APRIL 11.0 8.0 7.0 7.0 6.0	12.0 10.0 8.5 8.0 8.0	13.5 12.5 13.5 14.0 15.0	MAY 8.5 10.5 10.0 10.5 10.5	11.0 11.5 11.5 11.5 12.0
1 2 3 4 5	9.0 7.0 7.0 5.0 4.5 3.5 3.5	5.5 3.5 3.5 3.0 1.5	7.5 5.5 5.0 4.0 3.5	8.5 9.0 8.0 8.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.0	6.0 6.5 6.5 6.5 7.5	14.0 12.0 9.5 9.0 10.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5	12.0 10.0 8.5 8.0 8.0	13.5 12.5 13.5 14.0 15.0	MAY 8.5 10.5 10.0 10.5 10.5	11.0 11.5 11.5 11.5 12.0
1 2 3 4 5	9.0 7.0 7.0 5.0 4.5 3.5 3.5 3.5	5.5 3.5 3.5 3.0 1.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0	8.5 9.0 8.0 8.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5	12.0 10.0 8.5 8.0 8.0	13.5 12.5 13.5 14.0 15.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5
1 2 3 4 5	9.0 7.0 7.0 5.0 4.5 3.5 3.5	5.5 3.5 3.5 3.0 1.5	7.5 5.5 5.0 4.0 3.5	8.5 9.0 8.0 8.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5	6.0 6.5 6.5 6.5 7.5	14.0 12.0 9.5 9.0 10.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0	12.0 10.0 8.5 8.0 8.0	13.5 12.5 13.5 14.0 15.0	MAY 8.5 10.5 10.0 10.5 10.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5
1 2 3 4 5 6 7 8 9	9.0 7.0 7.0 5.0 4.5 3.5 3.5 3.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0
1 2 3 4 5 6 7 8 9 10	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5	MAY 8.5 10.5 10.0 10.5 11.0 9.5 8.5 8.5 9.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0
1 2 3 4 5 6 7 8 9 10	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0	7.5 5.5 5.0 4.0 3.5 2.5 2.0 3.5 4.0 4.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5	MARCH 4.5 4.0 5.5 4.0 5.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5	MAY 8.5 10.5 10.0 10.5 10.5 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0
1 2 3 4 5 6 7 8 9 10	9.0 7.0 7.0 5.0 4.5 3.5 3.5 3.5 4.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 9.5 12.5 14.0	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5
1 2 3 4 5 6 7 8 9 10	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0	7.5 5.5 5.0 4.0 3.5 2.5 2.0 3.5 4.0 4.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5	MARCH 4.5 4.0 5.5 4.0 5.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5	MAY 8.5 10.5 10.0 10.5 10.5 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.0 7.0 7.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.0	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0	7.5 5.5 5.0 4.0 3.5 2.0 1.5 2.0 3.5 4.0 6.0 8.0 7.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 14.5 14.5 14.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 12.0 12.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 17.0 15.0 13.5 12.5	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 15.0 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 11.0 9.5 8.5 8.5 12.5 14.0 15.0	11.0 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.0 10.5 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 14.5 14.5 14.5 14.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 12.0 12.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 9.5 12.5 14.0 15.0 13.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.5 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 14.5 14.5 14.5 14.5 12.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.5 7.0	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 12.0 12.0 12.5 11.5 11.0	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 12.5 19.5 7.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 13.5 12.5 11.0 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5 14.0 15.0 15.0	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.0 10.5 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 14.5 12.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 12.0 12.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 9.5 12.5 14.0 15.0 13.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.0 10.5 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 14.5 14.5 14.5 14.5 12.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 7.5 7.0 5.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 12.0 12.5 11.5 11.0	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 12.5 12.5 12.5	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 12.5 17.5 9.5 9.5 9.5 8.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 13.5 12.5 11.0 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5	MAY 8.5 10.5 10.0 10.5 10.5 11.0 11.0 9.5 8.5 8.5 12.5 14.0 15.0 13.5 13.0 11.5	11.0 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5 17.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.0 10.5 8.5 9.0 9.0 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 7.5 7.0 6.5 5.0 6.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 14.5 12.5 12.0 9.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.5 7.0 6.0 8.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 12.0 12.5 11.5 11.0 9.5 8.0 8.0 9.0	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5 13.0 13.0	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 12.5 19.5 7.5 9.5 9.5 9.5 9.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 10.5 10.5	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.5 17.0 16.5 17.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5 14.0 15.0 15.0 11.5 12.0 12.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5 17.0 14.0 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	9.0 7.0 7.0 4.5 3.5 3.5 4.0 6.5 5.5 8.0 10.5 8.5 9.0 9.0 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.0 1.5 2.0 3.5 4.0 6.0 8.0 7.5 7.0 7.0 6.5 6.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 14.5 12.5 12.0 13.5 14.5 14.5 14.5 14.5 14.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 7.5 7.5 7.5 6.0 8.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 8.0 9.0 10.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 17.0 15.0 13.5 12.5 12.5 12.5 13.0 13.0	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5 9.5 7.5 9.5 9.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.5 17.0 16.5 17.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 12.5 14.0 15.0 13.5 13.5 13.5 12.0 14.5	11.0 11.5 11.5 11.5 12.0 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.0 10.5 8.5 9.0 9.0 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 7.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 12.5 12.0 9.5 10.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.0 6.0 8.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 9.0 10.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 17.0 13.5 12.5 12.5 13.0 13.0 13.5 13.5	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 12.5 7.5 9.5 9.5 9.5 9.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.0 16.5 17.0 18.0	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 8.5 12.5 14.0 15.0 13.5 13.0 11.5 12.0 12.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0 14.5 14.5 15.0 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	9.0 7.0 7.0 4.5 3.5 3.5 4.0 6.5 5.5 8.0 10.5 8.5 9.0 9.0 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.0 1.5 2.0 3.5 4.0 6.0 8.0 7.5 7.0 7.0 6.5 6.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 14.5 12.5 12.0 13.5 14.5 14.5 14.5 14.5 14.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.0 6.0 8.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 8.0 9.0 10.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 17.0 15.0 13.5 12.5 12.5 12.5 13.0 13.0	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5 9.5 7.5 9.5 9.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.5 17.0 16.5 17.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 12.5 14.0 15.0 13.5 13.5 13.5 12.0 14.5	11.0 11.5 11.5 11.5 12.0 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.0 10.5 8.5 9.0 8.0 6.5 9.0 8.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.0	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 12.5 13.0 14.5 14.5 12.5 12.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.0 6.5 7.0 9.5 9.5 7.0 9.5 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 9.5 11.5 11.0 9.5 11.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 15.0 13.5 12.5 12.5 13.0 13.0 13.5 13.5	APRIL 11.0 8.0 7.0 6.0 6.5 8.5 11.0 12.5 12.5 12.5 19.5 7.5 9.5 9.5 8.5 7.5 9.5 9.5 8.5 7.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 10.0 11.0 10.5 11.0 11.0 11.0 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.5 17.0 16.5 17.0 18.0	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5 12.5 13.0 11.5 12.0 12.5 14.5 16.0 16.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5 17.0 15.5 15.0 14.0 14.5 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.0 10.5 8.5 9.0 8.0 6.5 9.5 9.5 9.0 8.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 6.5 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 12.5 14.5 12.5 14.0 13.5 14.0 13.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.0 6.0 8.5 9.5 10.5 10.5 9.0 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 9.0 10.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 13.0 13.0 13.5 12.5 14.0 15.0	APRIL 11.0 8.0 7.0 6.0 6.5 8.5 11.0 12.5 12.5 12.5 12.5 7.5 9.5 9.5 9.5 9.5 9.0 10.0 8.5 9.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0 11.0 11.0 11.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 17.5 17.0 16.5 17.0 18.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 9.5 12.0 15.0 13.5 13.0 11.5 12.0 12.5 14.5 16.0 16.5 16.5 15.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5 17.0 14.5 15.0 14.5 15.0 14.5 15.0
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.5 8.5 9.0 9.0 8.0 6.5 9.5 9.5 9.0 8.0 6.5	5.5 3.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 11.5 12.5 13.0 14.5 14.5 12.5 12.5 12.0 9.5 10.5 11.5 12.5 14.0 13.5 14.0 14.5 14.5 14.5 14.0 14.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 10.5 10.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 9.5 11.5 11.0 9.5 11.5 11.5 11.5 11.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5 11.5 13.0 13.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 12.5 12.5 19.5 7.5 9.5 9.5 9.5 8.5 7.5 9.5 8.5 7.5 8.5 9.0 10.0 8.5 9.0 10.5 9.5 8.5	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0 10.5 11.0 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.0 16.5 17.0 18.0	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 8.5 12.5 14.0 15.0 15.0 15.0 14.5 16.5 16.5 16.5 14.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0 14.5 15.0 14.0 14.5 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.0 10.5 8.5 9.0 8.0 6.5 9.5 9.5 9.0 8.0 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 6.5 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5 14.5 14.5 12.5 14.5 12.5 14.0 13.5 14.0 13.5	MARCH 4.5 4.0 5.5 4.0 5.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 9.5 7.0 6.0 8.5 9.5 10.5 10.5 9.0 9.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 9.0 10.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 13.0 13.0 13.5 12.5 14.0 15.0	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5 9.5 9.5 9.5 9.0 10.0 8.5 9.0 10.5 9.5 8.5 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0 11.0 11.0 11.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 17.5 17.0 16.5 17.0 18.0	MAY 8.5 10.5 10.0 10.5 10.5 11.0 9.5 8.5 8.5 9.5 12.0 15.0 13.5 13.0 11.5 12.0 12.5 14.5 16.0 16.5 16.5 15.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 14.5 16.5 17.5 17.0 14.5 15.0 14.5 15.0 14.5 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	9.0 7.0 7.0 4.5 3.5 3.5 4.0 6.5 4.5 8.0 10.5 8.5 9.0 9.0 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.6 6.5	5.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5 4.5	7.5 5.5 5.0 4.0 3.5 2.0 1.5 2.0 3.5 4.0 4.0 6.0 8.0 7.5 7.0 7.0 6.5 5.0 6.5 7.0 6.5 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 13.0 14.5 14.5 12.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 14.5 14.0 14.5 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0	MARCH 4.5 4.0 5.5 4.0 5.5 4.0 7.5 8.5 8.0 7.5 8.5 11.0 9.5 9.5 7.0 6.5 7.0 7.5 8.7 7.5 6.0 9.5 10.5 10.5 9.0 9.5 10.5 9.5 7.5 7.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 9.5 11.5 11.0 9.5 11.5 11.5 11.5 11.5 11.5 11.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5 13.0 13.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 6.0 6.5 8.5 11.0 12.5 12.5 12.5 12.5 10.0 9.5 9.5 9.5 8.5 7.5 9.5 9.5 9.0 10.0 8.5 9.0 10.0 10.0 10.0 10.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 11.0 10.5 11.0 11.0 10.5 11.0 11.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.0 16.5 17.0 18.0 19.5 21.5 21.5 19.0 19.0 19.0	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5 13.0 11.5 13.0 11.5 12.0 14.5 16.0 16.5 16.5 15.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0 15.5 15.0 14.0 14.0 14.0 14.0 14.0 17.0 18.5 19.0 18.5 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	9.0 7.0 7.0 4.5 3.5 3.5 4.5 4.5 8.0 10.5 8.5 9.0 9.0 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9	5.5 3.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5 6.0 6.5 5.5 5.5 5.5 5.5 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.0 1.5 2.0 3.5 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 6.5 5.5 5.0 6.0 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 14.5	MARCH 4.5 4.0 5.5 4.0 5.0 6.5 7.0 7.5 8.5 8.0 7.5 9.5 11.0 9.5 7.5 6.0 8.5 9.5 10.5 10.5 10.5 10.5 9.5 7.5 9.0	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.5 11.0 9.5 8.0 8.0 9.0 10.5 11.5 11.5 11.5 11.5 11.5 11.5 11	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 17.0 13.5 12.5 12.5 13.0 13.5 12.5 14.0 13.5 12.5	APRIL 11.0 8.0 7.0 6.0 7.5 6.5 8.5 11.0 12.5 12.5 11.5 9.5 7.5 9.5 9.5 9.5 9.0 10.0 8.5 9.0 10.5 9.5 9.0 10.0 9.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 15.0 10.5 10.0 10.5 11.0 10.5 11.0 10.5 11.0 11.0 10.5 11.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 17.0 19.5 20.5 17.5 17.0 18.0 19.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 12.5 14.0 15.0 15.0 11.5 12.5 14.5 16.5 16.5 16.5 14.5 16.5 16.5	11.0 11.5 11.5 11.5 12.0 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0 14.5 15.0 14.5 15.0 17.0 18.5 19.0 18.5 19.0 18.5 19.0 18.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	9.0 7.0 7.0 5.0 4.5 3.5 3.5 4.0 6.5 5.5 4.8 9.0 9.0 8.5 9.5 9.0 8.0 6.5	5.5 3.5 3.5 3.5 3.0 1.5 1.0 0.0 0.5 1.0 2.5 3.0 4.5 6.0 6.5 5.5 4.5 4.5 4.5 4.5 4.5 6.0 6.5 5.5 5.5 5.5 6.0 6.0 6.5	7.5 5.5 5.0 4.0 3.5 2.5 2.0 1.5 2.0 3.5 4.0 4.0 4.0 6.0 8.0 7.5 7.0 6.5 5.0 6.5 5.5 5.0 6.0 5.5	8.5 9.0 8.0 8.5 10.5 11.5 12.0 13.5 11.5 13.0 14.5 14.5 12.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 13.5 14.0 14.5 14.0 14.5 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0	MARCH 4.5 4.0 5.5 4.0 5.5 4.0 7.5 8.5 8.0 7.5 8.5 11.0 9.5 9.5 7.0 6.5 7.0 7.5 8.7 7.5 6.0 9.5 10.5 10.5 9.0 9.5 10.5 9.5 7.5 7.5	6.0 6.5 6.5 6.5 7.5 9.0 9.5 10.0 9.5 9.5 11.0 9.5 11.5 11.0 9.5 11.5 11.5 11.5 11.5 11.5 11.5 11.5	14.0 12.0 9.5 9.0 10.0 9.5 12.5 14.5 16.5 17.0 15.0 13.5 12.5 12.5 13.0 13.0 13.5 12.5 12.5	APRIL 11.0 8.0 7.0 6.0 6.5 8.5 11.0 12.5 12.5 12.5 12.5 10.0 9.5 9.5 9.5 8.5 7.5 9.5 9.5 9.0 10.0 8.5 9.0 10.0 10.0 10.0 10.0	12.0 10.0 8.5 8.0 8.0 8.5 9.5 11.5 14.0 15.0 10.5 11.0 11.0 11.0 11.0 11.5 11.0 11.5 11.0	13.5 12.5 13.5 14.0 15.0 13.5 14.0 11.5 10.0 12.5 15.0 17.0 19.5 20.5 19.5 17.0 16.5 17.0 18.0 19.5 21.5 21.5 19.0 19.0 19.0	MAY 8.5 10.5 10.0 10.5 11.0 11.0 9.5 8.5 8.5 9.5 12.5 13.0 11.5 13.0 11.5 12.0 14.5 16.0 16.5 16.5 15.5	11.0 11.5 11.5 11.5 12.0 12.5 12.5 11.0 9.0 10.0 12.0 14.5 16.5 17.5 17.0 15.5 15.0 14.0 14.0 14.0 14.0 17.0 18.5 19.0 18.5 19.0 18.5 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0

PYRAMID AND WINNEMUCCA LAKES BASIN 10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	R
1	20.5	16.0	18.0	25.0	19.5	22.0	27.0	24.5	25.5	23.0	17.5	20.5
2	21.0	16.5	18.5	25.0	19.0	22.0	25.0	23.0	23.5	24.0	19.0	21.5
3	21.5	17.0	19.0	25.0	19.0	22.0	25.5	21.5	23.5	23.5	19.0	21.5
4	21.5	17.0	19.5	24.5	19.5	22.5	25.5	21.5	23.5	23.5	19.5	22.0
5	21.5	17.0	19.5	25.0	20.5	22.5	25.5	20.5	23.0	24.5	19.5	22.0
6	22.0	17.0	19.5	25.0	21.0	23.0	25.0	20.0	22.5	24.0	19.5	22.0
7	23.0	18.0	20.5	25.5	20.5	23.0	25.0	20.5	23.0	21.5	18.5	20.0
8	23.0	18.5	21.0	25.0	19.5	22.0	25.0	20.5	22.5	20.5	16.5	18.5
9	23.0	19.0	21.0	26.0	20.5	23.0	25.0	20.5	22.5	19.0	16.5	17.5
10	22.5	18.0	20.0	25.0	21.5	23.0	24.5	20.0	22.5	20.5	14.5	17.5
11	22.0	18.0	20.0	25.0	21.0	23.5	24.5	20.5	22.5	20.5	16.0	18.5
12	22.0	18.5	20.0	26.5	21.5	24.0	24.0	19.5	22.0	21.0	16.5	19.0
13	22.5	18.0	20.0	26.0	20.5	23.5	24.0	20.0	22.0	20.0	16.0	18.5
14	23.0	18.0	20.5	25.5	20.5	23.5	25.0	20.5	23.0	19.5	15.0	17.5
15	23.0	18.0	20.5	25.5	21.0	23.5	25.5	21.5	24.0	19.0	15.5	17.5
16	24.0	18.5	21.5	26.0	20.5	23.5	24.5	21.0	22.5	19.5	15.5	17.5
17	26.0	20.0	23.0	25.0	22.0	24.0	25.0	20.5	23.0	17.0	13.0	15.5
18	24.0	21.5	23.0	25.5	22.5	24.0	26.0	21.5	24.0	17.5	12.5	15.5
19	23.5	19.0	21.0	26.5	22.5	24.5	26.0	22.5	24.5	18.0	13.0	16.0
20	22.0	18.0	20.0	28.0	24.0	26.0	27.0	21.5	24.5	18.5	14.5	17.0
21	22.5	17.0	19.5	29.5	24.5	27.0	25.0	23.0	24.0	19.5	14.5	17.5
22	20.5	17.0	18.5	29.5	25.5	27.0	23.0	21.0	22.0	20.0	15.0	17.5
23	18.5	16.5	17.5	29.0	25.5	27.0	24.5	19.5	22.0	20.0	15.5	18.0
24	20.5	14.5	17.5	27.0	24.5	26.0	25.0	20.5	22.5	20.0	16.0	18.0
25	22.0	16.5	19.5	26.5	23.5	25.0	25.0	21.0	23.5	20.0	16.0	18.5
26	23.5	18.0	21.0	27.0	22.0	24.5	24.0	21.5	22.5	20.0	15.5	18.0
27	25.0	19.5	22.0	27.5	23.0	25.0	25.0	19.5	22.0	20.5	16.0	18.5
28	26.0	20.5	23.5	27.5	22.5	25.0	24.5	20.5	22.5	20.5	16.0	18.5
29	26.0	22.0	24.0	28.0	23.5	26.0	23.0	19.5	21.5	20.0	16.5	18.5
30	25.0	19.5	22.5	28.5	23.5	26.0	23.5	18.0	21.0	19.5	16.5	18.0
31				28.0	24.5	26.0	22.5	19.5	21.0			
MONTH	26.0	14.5	20.4	29.5	19.0	24.2	27.0	18.0	22.9	24.5	12.5	18.6
YEAR	29.5	0.0	12.9									

BLACK ROCK DESERT

10352500 MCDERMITT CREEK NEAR MCDERMITT, NV

 $LOCATION.--Lat\ 41^{\circ}58'00", long\ 117^{\circ}50'01", in\ SE\ ^{1}\!\!/_{4}\ SE\ ^{1}\!\!/_{4}\ sec.8, T.47\ N., R.37\ E., Humboldt\ County,\ Hydrologic\ Unit\ 16040201,\ on\ left\ bank,\ approximately\ 100\ feet\ upstream\ from\ highway\ bridge\ on\ Cordero\ Mine\ Road,\ and\ 6.5\ mi\ southwest\ of\ McDermitt.$

DRAINAGE AREA.--225 mi².

PERIOD OF RECORD.--October 1948 to September 1984, March 1985 to current year.

REVISED RECORDS .-- WSP 1214: 1949-50 (P).

GAGE.--Water-stage recorder. Elevation of gage is 4,545 ft above NGVD of 1929, from topographic map. October 1948 to May 11, 1972, at site approximately 500 ft upstream from highway bridge, on left bank. May 11, 1972, to April 1983, at site approximately 800 ft upstream from highway bridge, on right bank, at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. One diversion for about 1,500 acres above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/ s, about February 1, 1963, gage height, 8.64 ft; in gage well, from rating curve extended above 250 ft³/ s on basis of slope-area measurement of peak flow; maximum gage height, 9.22 ft, about March 17, 1993; no flow for several days in some years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/ s and maximum (*):

Discharge Gage height

Discharge Gage height

EAIKEN	IES FOR C	UKKENI I	EAKP		es greater tha	n base ui	scharge of	130 11					
					Gage height					arge Gag	e height		
		Date May 11	Time 1030	(ft ³ / s) *257	(ft) *4.43		Date August 2	Time 1745	$(ft^{3}/233)$	s)	(ft) 4.34		
		DISC	HARGE, (CUBIC FEET	PER SECOND,	WATER Y Y MEAN V		ER 20	02 TO S	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP
1	2.7	e4.9	10	9.7	27	11	5.1		33	53	3.4	1.2	1.3
2	2.7	e4.9	10	8.6	20	9.0	7.1		32	e41	3.9	8.9	1.4
3	2.9	4.9	13	9.1	17	12	8.9		33	e46	3.8	10	1.4
4	3.2	e5.3	e11	8.9	16	9.4	9.7		43	e33	3.7	3.1	1.4
5	3.1	e5.5	e11	9.3	14	8.8	12		44	3 0	3.6	1.3	1.5
6	3.1	e5.7	e11	e9.4	16	8.6	12		3 9	27	3.2	1.2	1.5
7	3.1	5.7	e10	e9.5	19	7.3	15		38	24	3.1	1.1	1.5
8	3.1	10	e10	e9.6	19	6.2	14		54	21	2.7	1.1	1.5
9	3.1	13	e9.8	e9.7	23	4.3	21		94	19	2.5	1.0	1.9
10	3.2	10	9.6	e9.8	20	3.7	24		123	17	2.3	1.1	3.2
11	3.3	9.3	9.3	e9.9	27	3.2	24		175	15	2.1	1.3	3.2
12	3.3	8.5	7.8	9.9	18	2.9	23		123	14	1.9	1.6	2.9
13	3.6	8.4	7.6	11	14	2.9	31		104	13	1.6	1.7	2.6
14	3.7	8.5	9.0	13	12	3.0	43		99	12	1.4	1.6	2.5
15	3.7	8.0	8.9	13	11	3.3	41		91	11	1.4	1.0	2.5
16	3.6	7.6	8.3	11	11	3.2	38		81	10	1.6	1.3	2.5
17	3.6	8.7	8.4	11	11	3.3	42		77	9.0	1.3	1.2	2.5
18	3.8	8.0	8.6	10	10	3.3	37		76	8.3	1.1	1.0	2.6
19 20	3.9 4.2	8.5 8.6	e8.7 e8.9	9.9 10	9.1 10	3.2	33 32		69 62	8.0 8.1	1.0 1.0	0.92 0.92	2.7
0.1	4 2	0. 17	- 0 0	1.0	1.1	2 0	2.2		F.0	7.0	1 2		
21 22	4.3	8.7 8.8	e9.0 e9.1	10 11	11 11	3.2	33 40		58 54	7.8 7.8	1.3	0.99 1.3	2.6
23	4.5	9.1	9.1	11	9.3	3.2	32		54	8.0	1.1	1.3	2.4
24	4.5	9.0	e9.2	12	9.6	3.0	30		58	8.5	1.4	1.8	2.4
25	4.5	9.0	e9.3	12	10	3.1	35		63	7.4	6.9	1.5	2.4
26	4.6	e9.2	e9.4	13	14	3.4	34		66	6.6	4.7	1.6	2.4
27	4.5	e9.4	e9.5	17	10	3.4	3 3		60	5.8	3.1	1.8	2.4
28	4.6	e9.6	9.6	27	11	4.2	34		58	5.1	2.5	1.8	2.4
29	4.8	e9.8	9.5	21		4.5	3 3		57	4.4	2.5	1.6	2.4
30 31	4.9 e4.9	9.8	8.0	18 24		4.7	32		62 58	3.7	2.0 1.6	1.3	2.4
TOTAL MEAN	117.6 3.79	246.4 8.21	291.4	378.3 12.2	410.0 14.6	152.6 4.92	808.8 27.0		2138	484.5 16.1	75.2 2.43	59.33 1.91	67.6 2.25
MAX	4.9	13	13	27	27	12	43		175	53	6.9	1.01	3.2
MIN	2.7	4.9	7.6	8.6	9.1	2.9	5.1		32	3.7	1.0	0.92	1.3
AC-FT	233	489	578	750	813	303	1600		4240	961	149	118	134
STATIST	rics of Mo	ONTHLY MEA	N DATA	FOR WATER	YEARS 1949	9 - 2003	3, BY WAT	ER YE	EAR (WY	")			
MEAN	4.55	7.08	11.6	21.6	42.4	79.3	97.2		74.7	35.0	9.35	3.00	2.73
MAX	10.0	17.3	50.9	108	302	353	600		310	140	46.5	15.4	9.96
(WY)	1984	1984	1956	1997	1986	1993	1952		1984	1983	1984	1983	1984
MIN (WY)	0.69 1982	2.06 1993	2.46	2.26 1950	4.82 1955	4.92	4.08 1992		2.74 1992	0.77 1992	0.14 1992	0.000 1992	0.000 1960
						2003							
	STATIST:	ICS	FOI		ENDAR YEAR		FOR 2003		SK YEAR	C	WATER YEA	AKS 1949	- 2003
LOWEST HIGHEST LOWEST	MEAN C ANNUAL M ANNUAL M C DAILY M DAILY M DAILY M	EAN EAN AN		1.	1 Apr 5 5 Sep 1		0	. 3	May 11)	2800	2 11 Feb 00 Sep	1 1963 8 1955
MAXIMUN MAXIMUN ANNUAL	M PEAK FLO M PEAK STA RUNOFF (A	AGE AC-FT)		21040			10370	.43	Aug 15 May 11 May 11		3970 9.2 23360	00 Sep Feb 22 Mar 1	1 1963
	CENT EXCE			71 8.			37	. 6			84	4	
	CENT EXCE			8. 2.				. 5			1.1		
JU PERC	LUNI DACEI	טעם		۷.	_		1				Δ.		

e Estimated

SUMMIT LAKE BASIN

10353750 MAHOGANY CREEK NEAR SUMMIT LAKE, NV

 $LOCATION.--Lat~41^{\circ}32'42",~long~119^{\circ}00'34",~in~SE~^{1}/_{4}~NE~^{1}/_{4}~sec.21,~T.42~N.,~R.26~E.,~Humboldt~County,~Hydrologic~Unit~16040202,~on~right~bank,~2.8~mi~northeast~of~Summit~Lake,~and~78~mi~north~of~Gerlach.$

DRAINAGE AREA.--13.3 mi², approximately.

PERIOD OF RECORD.--July 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,080 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50 ft 3 / s, June 5, 1995, gage height, 5.34 ft; maximum gage height, 5.56 ft, June 17, 1998, backwater effect from tree; minimum daily , 0.32 ft 3 / s, August 1, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.0 ft³/s, June 1, 2, gage height, 4.59 ft; maximum gage height, 4.63 ft, December 24, backwater from ice; minimum daily, 0.88 ft³/s, September 7.

		DISC	HARGE, CUB	IC FEET PE		WATER YEA MEAN VAI	AR OCTOBER JUES	2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	e1.7	1.4	1.6	1.9	1.5	1.9	2.1	7.4	1.8	1.4	0.96
2	2.1	e1.6	1.3	1.6	1.8	1.4	1.7	2.1	7.3	1.8	2.1	0.94
3	2.2	1.4	1.3	1.6	1.6	1.5	1.7	2.1	7.1	1.8	2.5	0.91
4	2.2	1.4	1.4	1.7	1.5	1.4	1.6	2.3	6.5	1.7	2.0	0.93
5	2.1	1.4	1.3	1.6	e1.6	1.4	1.7	2.2	5.7	1.7	1.7	0.96
6	2.1	1.5	1.4	1.5	1.6	1.4	1.7	2.1	5.4	1.6	1.5	0.91
7	2.1	1.6	1.2	1.5	e1.6	1.4	1.9	2.1	4.8	1.6	1.4	0.88
8 9	2.1	1.9	1.1	1.5	e1.5	1.5	2.0	2.3	4.5	1.6	1.3	0.92
10	2.1	1.7 1.7	1.3	1.5	1.4	1.5	2.2	1.7 2.7	4.3	1.5 1.5	1.2	1.1
11	2.1	1.6	1.4	1.5	1.3	1.6	1.9	3.6	3.8	1.5	1.1	1.1
12 13	2.1	1.7 1.7	1.4	1.5	1.4	1.6 1.7	1.8	4.5 4.9	3.6 3.4	1.4	1.1	1.0
14	2.1	1.6	1.7	1.6	1.7	1.7	1.8	5.6	3.4	1.4	e0.98	1.0
15	2.1	1.5	1.5	1.5	1.6	1.7	1.8	5.6	3.0	1.3	e0.98	0.96
1.0	0 1	1 6	1 4	1.6	1 6	1 6	1 0	F 1	0.0	1 2	- 0 0 5	0 0 7
16 17	2.1	1.6 1.5	1.4	1.6	1.6	1.6 1.6	1.8	5.1 4.7	2.8	1.3	e0.95 e0.92	0.97 1.1
18	2.1	1.5	1.4	1.6	1.5	1.6	1.7	4.7	2.7	1.3	e0.92	1.1
19	e2.1	1.6	1.3	1.6	1.5	1.6	1.5	4.3	2.6	1.3	0.90	1.0
20	e2.1	1.5	1.4	1.6	1.5	1.7	1.6	4.4	2.6	1.3	0.90	0.99
21	e2.0	1.6	1.4	1.6	1.5	1.6	1.9	4.1	2.6	1.3	0.99	0.96
22	e2.0	1.6	1.5	1.7	1.5	1.6	1.9	4.3	2.6	1.3	1.4	0.93
23	e2.0	1.6	1.4	1.8	1.5	1.7	1.9	4.4	2.6	1.3	1.2	0.92
24	e2.0	1.5	e1.5	1.6	1.5	1.7	2.0	4.6	2.4	1.5	1.1	0.90
25	2.0	1.3	1.7	1.8	e1.5	1.9	1.9	4.7	2.2	1.5	1.00	0.90
26	2.0	e1.3	1.6	1.7	e1.5	2.3	2.0	4.8	2.1	1.5	1.0	0.90
27	2.0	1.4	1.6	1.9	1.4	2.0	1.9	5.2	2.0	1.4	1.0	0.91
28	2.1	1.5	1.6	1.7	1.5	1.8	2.0	5.5	1.9	1.4	0.99	0.90
29	2.0	1.5	1.6	1.7		1.6	1.9	6.1	1.8	1.4	0.98	0.89
30 31	1.8 e1.8	1.4	1.6	1.9 1.9		1.5 1.6	1.9	7.0 7.1	1.8	1.3	0.96 0.95	0.90
31	61.0		1.0	1.5		1.0		7.1		1.3	0.95	
TOTAL	64.0	46.4	44.5	50.7	43.1	50.3	55.5	126.6	109.2	45.3	37.62	29.04
MEAN	2.06	1.55	1.44	1.64	1.54	1.62	1.85	4.08	3.64	1.46	1.21	0.97
MAX	2.2	1.9	1.7	1.9	1.9	2.3	2.2	7.1	7.4	1.8	2.5	1.2
MIN AC-FT	1.8 127	1.3 92	1.1	1.5	1.3 85	1.4	1.5 110	1.7 251	1.8 217	1.3	0.90 75	0.88
										3 0	, ,	30
STATIST	rics of MC	ONTHLY MEA	N DATA FO	R WATER Y	EARS 1987	- 2003,	BY WATER	YEAR (WY)				
MEAN	1.80	1.83	1.69	1.76	1.86	2.54	3.84	8.48	8.29	3.63	1.79	1.57
MAX	3.90	3.87	3.57	3.55	3.25	3.96	6.90	27.9	29.2	13.7	5.41	4.33
(WY)	1999	1999	1999	1997	1999	1999	1996	1998	1998	1998	1998	1998
MIN (WY)	0.83 1993	0.90 1993	0.90 1995	1.04 1993	1.28	1.42 1991	1.85	1.36 1992	0.82 1992	0.55 1992	0.39 1992	0.46 1992
									1332			
SUMMARY	STATIST	ICS	FOR 2	002 CALEN	IDAR YEAR	F	OR 2003 WA	ATER YEAR		WATER YEA	RS 1987 -	2003
ANNUAL	TOTAL			872.9			702.26	i				
ANNUAL				2.39)		1.92	2		3.2		
	ANNUAL N									8.4		1998
	ANNUAL ME			0 0	T 2			T 1		1.2		1992
	DAILY ME				Jun 3 Sep 4		7.4	Jun 1 Sep 7			Jun 5 2 Aug 1	
		Y MINIMUM			Sep 4			Sep 7			3 Jul 31	
	PEAK FLO			1.3	SSP I		8.0	-		0.3	- 541 31	
	PEAK STA							Jun 1		5.5	6 Jun 17	1998
INSTANT	CANEOUS LO	OW FLOW					0.88	Sep 7			2 Aug 1	
	RUNOFF (A			1730			1390			2370		
	CENT EXCE			4.4			2.9			5.9		
	CENT EXCE			1.7			1.6			2.0		
90 PERC	CENT EXCE	FUS		1.4			1.0			0.9	0	

e Estimated

SMOKE CREEK DESERT

10353800 SMOKE CREEK BELOW RESERVOIR NEAR SMOKE CREEK, NV

 $LOCATION.--Lat\ 40^{\circ}30'33", long\ 119^{\circ}52'24", in\ NE\ ^{1}/_{4}\ NW\ ^{1}/_{4}\ sec.5, T.30\ N., R.19\ E., Washoe\ County,\ Hydrologic\ Unit\ 16040203,\ on\ left\ bank,\ 11.2\ mi\ south\ of\ Buffalo\ Creek\ Ranch,\ and\ 38.1\ mi\ southwest\ of\ Gerlach.$

DRAINAGE AREA.--224 mi².

PERIOD OF RECORD.--December 1988 to current year.

REVISED RECORDS.--WDR NV-00-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 3,980 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

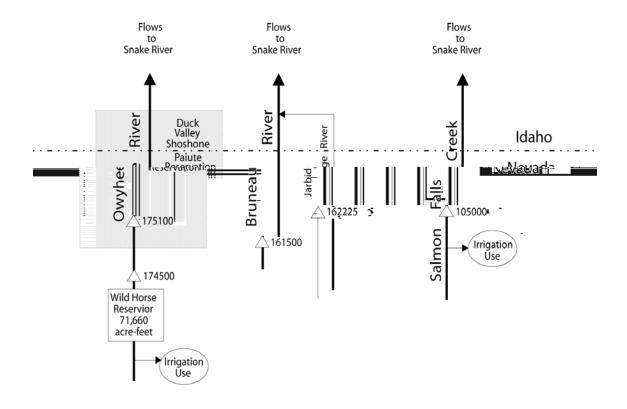
 $EXTREMES FOR PERIOD OF RECORD. -- Maximum \ discharge, 4,320 \ ft^{3}\!\!/ \qquad s, March 9, 1995, gage \ height, 8.43 \ ft; no flow many \ days, most \ years.$

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of February 1986 reached a stage of 9.00 ft, present datum, from floodmarks; discharge 2,270 ft³/s, on basis of slope-area measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 145 ft³/s, August 4, gage height, 5.22 ft; no flow many days.

		DISC	CHARGE, CUI	BIC FEET PER		WATER YE MEAN VA		2002 TO SI	EPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.59	3.3	3.9	5.2	3.7	3.1	2.0	4.6	0.41	0.00	0.00	0.00
2	0.70	e3.3	4.0	5.6	3.6	3.0	2.1	4.5	0.32	0.00	0.00	0.00
3	0.76	e3.3	4.4	2.9	3.4	3.1	2.2	4.8	0.24	0.00	0.00	0.00
4	0.80	e3.3	4.1	1.1	e3.8	3.4	2.2	4.7	0.12	0.00	3.6	0.00
5	0.85	3.2	4.1	2.6	3.9	3.2	2.2	4.4	0.11	0.00	0.19	0.00
6	0.85	3.3	4.2	3.1	e3.8	3.0	2.1	4.3	0.11	0.00	0.00	0.00
7	0.91	3.9	4.1	4.6	e3.7	3.0	1.9	4.7	0.22	0.00	0.00	0.00
8	0.99	6.3	e4.2	5.4	e3.6	3.0	2.0	4.2	0.20	0.00	0.00	0.00
9	1.0	5.4	4.3	5.5	e3.5	1.5	2.0	2.6	0.06	0.00	0.00	0.00
10	1.1	5.6	4.5	6.8	e3.5	0.85	2.1	1.9	0.29	0.00	0.00	0.00
11	1.0	5.1	4.8	7.4	e3.5	1.6	2.2	2.6	0.54	0.00	0.00	0.00
12	1.0	5.0	4.5	7.7	3.6	2.6	2.4	2.0	0.60	0.00	0.00	0.00
13	1.0	4.8	4.5	9.2	3.5	2.3	2.8	2.0	0.49	0.00	0.00	0.00
14	1.0 0.99	4.8	4.7	9.4	3.3	5.6	2.9	2.3	0.32	0.00	0.00	0.00
15	0.99	4.8	4.9	9.3	3.2	5.0	3.0	3.8	0.18	0.00	0.00	0.00
16	0.97	4.8	6.4	9.5	3.3	4.1	3.1	2.4	0.10	0.00	0.00	0.00
17	0.99	4.7	6.3	9.7	3.1	3.3	3.3	2.0	0.04	0.00	0.00	0.00
18	0.99	4.3	6.2	9.7	3.0	2.4	3.3	2.0	0.00	0.00	0.00	0.00
19	1.0	4.2	e6.2	9.3	3.1	2.2	2.9	1.9	0.00	0.00	0.00	0.00
20	1.1	4.2	e6.2	8.2	3.3	2.1	2.8	1.4	0.00	0.00	0.00	0.00
21	1.1	3.9	e6.2	7.8	3.1	2.1	2.9	1.2	0.00	0.00	0.00	0.00
22	1.2	4.0	e6.0	7.6	3.1	2.2	3.2	1.1	0.00	0.00	0.00	0.00
23	1.2	4.0	e6.2	7.2	3.0	2.1	3.8	0.99	0.00	0.00	0.00	0.00
24	1.3	4.0	e6.0	5.1	3.1	2.1	4.2	0.90	0.00	0.00	0.00	0.00
25	1.3	3.6	e6.2	4.4	3.0	1.6	4.3	0.90	0.00	0.00	0.00	0.00
26	1.2	e4.0	e6.0	4.0	3.4	3.2	4.5	0.90	0.00	0.00	0.00	0.00
27	1.4	e4.0	e6.0	3.9	3.1	2.9	4.5	0.85	0.00	0.00	0.00	0.00
28	1.5	e4.0	e5.9	3.8	3.0	2.3	4.9	0.68	0.00	0.00	0.00	0.00
29	1.6	e4.2	5.9	3.7		2.1	4.6	0.52	0.00	0.00	0.00	0.00
3 0	1.7	4.5	5.2	3.5		2.0	4.6	0.48	0.00	0.00	0.00	0.00
31	1.8		5.7	3.5		1.9		0.45		0.00	0.00	
TOTAL	33.89	127.8	161.8	186.7	94.2	82.85	91.0	72.07	4.35	0.00	3.79	0.00
MEAN	1.09	4.26	5.22	6.02	3.36	2.67	3.03	2.32	0.14	0.000	0.12	0.000
MAX	1.8	6.3	6.4	9.7	3.9	5.6	4.9	4.8	0.60	0.00	3.6	0.00
MIN	0.59	3.2	3.9	1.1	3.0	0.85	1.9	0.45	0.00	0.00	0.00	0.00
AC-FT	67	253	321	370	187	164	180	143	8.6	0.00	7.5	0.00
STATIST	TICS OF M	ONTHLY ME	AN DATA F	OR WATER YE	EARS 1989	- 2003	, BY WATER	YEAR (WY)				
MEAN	3.13	3.91	8.06	26.2	37.5	38.1	13.5	14.6	2.79	1.01	1.03	1.23
MAX	13.9	10.8	35.1	167	196	162	66.0	106	18.9	4.82	4.85	5.55
(WY)	2000	1996	1997	1995	1996	1993	1995	1995	1998	1995	1995	1998
MIN	0.000	0.000	0.000	1.35	3.36	2.67	1.32	0.005	0.000	0.000	0.000	0.000
(WY)	1991	1991	1995	1993	2003	2003	1990	1994	1990	1991	1989	1989
SUMMARY	Y STATIST	ics	FOR	2002 CALENI	DAR YEAR		FOR 2003 W	ATER YEAR		WATER YEA	RS 1989	- 2003
ANNUAL	TOTAL			1636.75			858.4	5				
ANNUAL				4.48			2.3			12.8	}	
	r annual	MEAN								51.1		1995
	ANNUAL M										1	1992
	r DAILY M			34	Jan 3		9.7	Jan 17			Jan 1	
	DAILY ME			0.00	Jan 3 Jun 14		0.0	0 Jun 18		0.0	0 Jul	6 1989
		Y MINIMUM		0.00	Jun 14		0.0	0 Jun 18			0 Jul	
	M PEAK FL						145	Aug 4			Mar	
	M PEAK ST							2 Aug 4			3 Mar	
ANNUAL	RUNOFF (AC-FT)		3250			1700	-		9300		
10 PERG	CENT EXCE	EDS		9.1			5.3			21		
	CENT EXCE			3.1			2.1			3.3		
90 PERO	CENT EXCE	EDS		0.00			0.0	0		0.0	0	

e Estimated



EXPLANATION

Active gaging station with abbreviated number-105000 Complete designation includes Part number 13 (Snake River Basin) as first two digits.

Figure 28. Schematic diagram of flow system and gaging stations in the Snake River basin

SALMON FALLS CREEK BASIN

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV

LOCATION.--Lat 41°56′40", long 114°41′15", in NE¹/ $_4$ SW¹/ $_4$ sec.23, T.47 N., R.64 E., Elko County, Nevada, Jackpot quad., Hydrologic Unit 17040213, on right bank in canyon, 630 ft downstream from bridge on U.S. Highway 93, 550 ft downstream from Shoshone Creek, and 5 mi north of San Jacinto.

DRAINAGE AREA.--1,450 mi², approximately. Mean elevation, 6,350 ft.

PERIOD OF RECORD.--September 1909 to June 1910 (gage heights only), June 1910 to September 1916, October 1918 to current year. Monthly discharge only for some periods published in WSP 1317. Prior to October 1910, published as "Salmon Falls River".

REVISED RECORDS.--WSP 1934: 1943(M).

90 PERCENT EXCEEDS2117

GAGE.--Water-stage recorder. Elevation of gage is 5,120 ft above NGVD of 1929, by barometer. Prior to June 6, 1910, nonrecording gage at nearby site at different datum. June 6, 1910 to Sept. 30, 1916, Oct. 1, 1918 to Aug. 28, 1964, water-stage recorder at site 35 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records fair. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 18,200 acres (1966 determination). Salmon Dam of Salmon River Canal Co. is 15 mi downstream (see sta 13106500).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,860 ft³/ s May 16, 1984, gage height, 14.27 ft; minimum, 2.6 ft³/ s Sept. 4, 1961, gage height, 3.37 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 321 ft 3 / s May 31; minimum daily, 10 ft 3 / s Aug. 28.

		DISC	CHARGE, C		PER SECON		YEAR OCTOB	FR 2002 TC	-	R 2003		
			, -			ILY MEAN						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	43	55	61	63	63	68	194	304	25	16	12
2	38	41	55	58	65	60	72	192	277	24	17	12
3	39	43	56	59	64	62	78	194	235	22	22	17
4	42	47	55	61	62	63	72	219	200	23	20	19
5	42	47	56	61	63	62	72	250	178	26	19	21
5	42	4 /	36	9.1	63	02	72	250	1/0	20	13	21
6	42	48	55	59	60	61	78	262	160	25	17	22
7	41	49	54	56	52	61	77	250	145	25	16	23
8	40	52	51	55	50	60	74	241	127	23	15	23
9	40	58	52	56	60	59	75	262	115	22	15	23
10	41	57	56	59	67	59	85	270	107	20	15	25
11	41	54	56	61	64	60	91	249	91	19	14	31
12	41	53	56	61	66	61	90	236	81	18	14	34
13	41	52	56	71	64	63	89	227	76	18	14	33
14	41	52	58	72	66	67	95	219	70	17	14	32
15	42	52	58	72	67	79	103	222	63	17	13	32
16	42	51	59	72	67	89	105	229	57	16	15	32
17	42	51	60	71	68	91	105	241	51	16	14	33
18	42	51	57	70	67	87	110	252	44	17	14	36
19	42	50	50	70	66	81	109	250	40	18	15	37
20	42	50	56	70	64	78	102	235	39	19	14	37
21	42	51	60	71	64	77	97	230	40	19	13	36
22	43	52	60	72	67	74	98	211	40	17	14	36
23	44	52	59	72	65	71	119	182	40	17	13	36
24	46	53	55	75	61	67	156	200	39	17	13	36
25	46	53	54	63	62	65	174	234	39	20	11	36
26	44	51	50	59	60	71	183	269	36	22	11	37
27	44	50	63	59	61	80	193	287	31	24	11	37
28	44	52	61	58	61	80	195	290	29	21	10	37
29	45	54	61	59		72	191	293	28	19	11	37
30	46	55	59	58		69	193	309	26	18	12	38
31	46		61	61		69		321		17	13	
TOTAL	1308	1524	1754	1982	1766	2161	3349	7520	2808	621	445	900
MEAN	42.2	50.8	56.6	63.9	63.1	69.7	112	243	93.6	20.0	14.4	30.0
MAX	46	58	63	75	68	91	195	321	304	26	22	38
MIN	37	41	50	55	50	59	68	182	26	16	10	12
AC-FT	2590	3020	3480	3930	3500	4290	6640	14920	5570	1230	883	1790
							03, BY WAT					
MEAN	49.3	58.5	58.6	68.6	97.2	163	345	456	272	62.6	27.5	32.3
MAX	92.0	105	130	201	377	588	865	2033	1209	344	127	77.6
(WY)	1985	1985	1965	1971	1943	1972	1942	1984	1984	1984	1984	1984
MIN	18.1	34.6	36.9	38.0	44.4	55.5	77.4	52.0	23.0	12.5	8.16	9.79
(WY)	1916	1916	1932	1955	1955	1955	1934	1934	1992	1931	1940	1947
SUMMARY	STATIST	ICSFOR 20	02 CALEN	IDAR YEARF	OR 2003	WATER YE	ARWATER YE	ARS 1910	- 2003			
ANNUAL	TOTAL388	2726138										
	MEAN106	71.6		141								
HIGHEST	C ANNUAL 1	MEAN		439	1984							
LOWEST	ANNUAL M	EAN		45.4	1934							
HIGHEST	DAILY M	EAN555May	2321Ma	ay 313620M	lay 16 19	84						
LOWEST	DAILY ME	AN12Aug 2	210Aug 2	8 3.2S	ep 4 19	61						
				211Aug 245	.7Sep 1	1961						
		AC-FT) 770										
		EDS328192		390								
50 PERC	CENT EXCE	EDS 54 56		63								

BRUNEAU RIVER BASIN

13161500 BRUNEAU RIVER AT ROWLAND, NV

 $LOCATION.-Lat~41^{\circ}56'00",~long~115^{\circ}40'25",~in~NW~^{1}/_{4}~SE~^{1}/_{4}~sec. 29,~T.47~N.,~R.56~E.,~Elko~County,~Hydrologic~Unit~17050102,~Humboldt~National~Forest,~on~left~bank,~2~mi~upstream~from~McDonald~Creek,~and~0.5~mi~south~of~Rowland.$

DRAINAGE AREA.--382 mi².

PERIOD OF RECORD.--June 1913 to September 1918 (published as "near Rowland"), water years 1962-66 (annual maximum), October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above NGVD of 1929, from topographic map. June 1913 to September 1918, nonrecording gage at different site and datum. October 1961 to September 1966, crest-stage gage at site 3 mi upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,140 ft 3 / s, May 14, 1984, gage height, 12.01 ft; minimum daily, 1.7 ft 3 / s, August 28-30, 2001.

and the second s	
EXTREMES FOR CURRENT YEARPeak discharges greater than base discharge of 200 ft ³ /	a and magrimana (*)
EXTREMES FOR CURRENT TEARPeak discharges greater than base discharge of 200 ft/	s and maximum (*).

EZY I KEIV	ILS I OR C	ORREIVI I	L/111C. 1 Co	Diseles			iischarge C	1 200			C 1	` '		
		D-4-	т:	Discharge		I	D.4.	Tr:			Gage h			
		Date	Time	(ft ³ /s)	(ft)		Date	Tir		(ft ³ /s)	(ft)			
		May 10	2230	*332	*4.48		No of	her pea	iks greatei	r than ba	se discharge	e.		
		DICCUAD	CE CIIDI	C FEET PER	CECOND	WATED	VEND OC	OPED	2002	TO CE	ртемрер	2002		
		DISCHAR	GE, CUBI	.C FEET FER		Y MEAN		NAGOL	. 2002	10 56	PIEMDER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	AP:	R	MAY		JUN	JUL	AUG	SEP
							,							
1	7.8	7.6	e14	e6.0	53	e24		34	186		270	26	6.2	5.0
2	8.1	e8.0	e14	e5.5	47	22		0	168		239	24	9.9	4.9
3	8.2	e7.6	e13	5.0	40	e24		37	215		207	22	13	4.8
4	8.8	e7.6	e13	4.7	36	25		19	257		182	20	12	4.3
5	8.9	e8.0	e13	e5.0	32	26	7	78	257		160	18	12	4.6
6	8.5	e9.3	13	e5.5	26	25		75	232		144	18	8.9	4.6
7	8.2	11	e13	e7.5	e28	25		71	210		134	17	7.4	4.4
8	8.1	14	14	e10	e30	2.5		19	221		125	14	6.3	4.1
9	8.0	18	e14	e15	e30	28		36	284		114	15	6.0	4.2
10	8.0	17	e15	e19	e31	3 0) 9	3	312		104	14	5.8	5.4
11	8.1	17	16	20	e30	3 8	10) 4	322		96	14	5.2	6.8
12	8.4	16	16	20	e30	4.3	12	21	306		90	11	4.7	5.8
13	8.5	16	16	20	29	46	13	5	288		77	11	4.6	5.1
14	8.6	16	17	22	33	57	14	4	292		69	11	4.3	5.0
15	8.7	16	18	22	38	6 0			302		67	11	4.1	4.9
16	8.8	15	18	e18	47	71	. 12	0	317		65	11	4.3	4.6
17	8.9	15	18	e17	42	66			308		60	9.7	4.7	5.2
18	8.9	14	15	e17	41	57			283		61	9.3	4.4	6.1
19	8.9	14	e11	e17	34	50			249		62	9.1	4.2	6.0
20	9.0	14	e11	e17	34	49			249		47	9.4	4.1	5.6
21	9.1	15	e9.0	e18	34	4 6			232		46	9.4	4.3	5.3
22	9.2	16	e7.0	e20	33	4 5			247		45	8.1	5.7	5.1
23	9.9	16	e8.0	22	28	4 6			267		45	7.6	6.2	4.9
24	11	16	e7.0	23	25	4 6			282		44	8.0	5.2	4.7
25	10	16	e6.0	24	e24	4.5	2.5	9	299		42	9.5	4.6	4.6
26	10	13	e6.0	24	e24	83	24	16	307		38	13	4.5	4.6
27	10	14	e7.0	26	e24	120	22	9	300		34	12	4.8	4.5
28	9.9	e15	7.8	e29	e24	95	24	0	299		29	8.7	5.0	4.5
29	10	16	e7.0	e27		82			315		28	8.1	4.7	4.5
30	11	e14	e6.0	30		76	2 () 6	312		27	7.2	6.6	4.5
31	9.8		e7.0	44		78		-	302			6.5	5.8	
TOTAL	279.3	412.1	368.8	560.2	927	1553	437	7 5	8410		2751	392.6	189.5	148.6
MEAN	9.01	13.7	11.9	18.1	33.1	50.1			271		91.7	12.7	6.11	4.95
MAX	11	18	18	44	53	120			322		270	26	13	6.8
MIN	7.8	7.6	6.0	4.7	24	22		71	168		270	6.5		4.1
AC-FT	554	817	732	1110	1840	3080			16680		5460	779	4.1 376	295
AC-FI	334	017	132	1110	1040	3000	000		10000		3460	113	376	233
STATIST	TICS OF MO	ONTHLY MEA	N DATA E	OR WATER Y	EARS 191	3 - 200	3, BY W	ATER	YEAR (WY)				
MEAN	21.3	27.1	27.9	38.1	54.0	157	31	1	381		210	51.3	16.5	14.3
MAX	52.2	58.5	56.3	137	276	608			1256		744	257	86.5	39.8
(WY)	1985	1985	1976	1971	1986	1972			1984		1984	1984	1984	1984
MIN	7.57	11.7	11.9	12.0	16.0	37.4			50.4		14.7	5.60	2.59	3.87
(WY)	2002	2002	2003	1992	2001	1981			1992		1992	1992	2001	1981
SUMMARY	Y STATIST	ICS	FOR	2002 CALEN	DAR YEAR		FOR 20	03 W.A	TER YE	EAR	W	ATER YEAR	RS 1913	- 2003
ANNUAL	Τ∩ΤΔΙ.			30807.5			203	67.1						
ANNUAL				84.4				55.8				109		
	r ANNUAL N	MΕλΝ		01.1				55.0				290		1984
	ANNUAL ME											24.2		1992
	ANNUAL ME T DAILY ME			621	Apr 6		3	2.2	May	11		2070		
	DAILY MEA				Aug 17				Aug				Aug 2	
	SEVEN-DAY			3.9	Aug 15				Aug			1.9		26 2001
	M PEAK FLO								May			2140		1 1 1 9 8 4
	M PEAK STA			61110					May	ΤÜ			l May 1	14 1984
	RUNOFF (A			61110			404					79050		
	CENT EXCE			297				17				333		
	CENT EXCE			15				17				35		
90 PERO	CENT EXCE	EDS		5.9				5.0				10		

e Estimated

BRUNEAU RIVER BASIN

13162225 JARBIDGE RIVER BELOW JARBIDGE, NV

 $LOCATION.--Lat~41^{\circ}53'26'',~long~115^{\circ}25'40'',~in~SW~^{1}/_{4}~NW~^{1}/_{4}~sec.09,~T.46~N.,~R.58~E.,~Elko~County,~Hydrologic~Unit~17050102,~Humboldt~National~Forest,~on~right~bank,~1.0~mi~north~of~Jarbidge.$

DRAINAGE AREA.--30.6 mi².

PERIOD OF RECORD.--April 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,050 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 824 ft3/s, May 24, 1999, gage height, 5.50 ft; minimum daily, 2.5 ft3/s, August 23, 29, 30, and September 16, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 611 ft³/s, May 29, gage height, 5.19 ft; minimum daily, 2.7 ft³/s, October 31.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

					DAILY	MEAN VA	LUES					
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	3.7	4.9	e5.1	13	5.1	22	33	290	17	5.0	4.3
2	4.9	e3.6	4.7	5.1	10	e5.0	21	33	231	15	6.2	4.4
3	4.9	e3.5	4.8	6.4	9.3	5.3	18	43	212	15	16	4.2
4	5.3	e3.7	4.8	6.0	8.1	5.2	16	46	177	14	9.7	4.2
5	4.7	e4.0	4.9	5.7	7.9	5.2	15	45	157	13	7.3	4.9
6	4.5	4.5	4.3	5.5	e7.5	5.2	14	40	142	13	6.6	4.3
7	4.4	4.8	4.6	5.5	e7.5	5.1	13	36	134	12	6.4	4.0
8 9	4.3	6.6 5.7	4.0	6.0	e7.0 e7.0	5.1 5.3	15 21	3 8 3 8	131 121	11 11	6.0 5.6	3.8 4.1
10	4.2	5.3	5.1 5.1	6.4 6.1	6.4	5.8	28	42	112	10	5.1	6.7
11	4.3	4.9	4.7	5.8	e6.0	6.5	37	48	99	9.5	4.9	5.2
12	4.2	4.9	4.7	5.8	6.1	7.4	48	52	84	8.8	4.9	4.6
13	4.3	5.5	4.9	5.9	6.9	11	47	68	73	8.3	4.9	4.6
14	4.3	5.2	5.0	6.2	6.7	14	41	99	64	8.1	4.7	4.6
15	4.3	4.8	4.8	5.9	6.3	14	32	128	58	7.8	5.6	4.3
16	4.4	4.9	4.8	5.7	6.7	15	27	140	51	7.3	5.8	4.1
17	4.4	4.7	4.9	5.6	6.1	14	26	137	46	7.1	5.0	4.9
18	4.3	4.5	4.5	5.6	5.9	12	25	128	43	8.0	4.9	5.1
19	4.3	4.7	e4.3	6.1	e5.8	11	25	109	41	8.0	4.6	4.7
20	4.2	5.1	4.7	6.6	5.8	11	31	104	40	7.7	3.8	4.3
21	4.1	7.4	4.7	6.8	5.8	9.8	35	130	36	7.1	4.5	4.2
22	4.6	7.3	4.5	6.4	5.8	10	38	185	33	6.6	6.5	4.1
23	4.9	6.6	4.5	6.7	5.5	11	60	240	30	6.2	7.3	3.8
24	4.9	6.1	e4.0	6.4	6.4	11	74	302	28	6.8	5.5	3.7
25	4.5	4.8	e4.4	6.4	e6.0	11	78	377	26	8.2	5.0	3.6
26	4.4	4.9	e4.6	6.4	e5.6	22	60	367	24	8.1	5.0	3.6
27	4.4	4.8	5.0	7.1	5.4	17	49	390	22	6.8	5.5	3.7
28	4.4	5.2	5.0	7.2	5.4	15	46	428	20	6.2	4.8	3.6
29	4.5	5.1	5.0	6.6		14	41	407	19	5.6	5.8	3.6
30 31	4.5 2.7	5.0	4.8 5.1	8.3 14		18 21	36 	290 314	18	5.3 5.0	6.0 4.7	3.6
TOTAL	137.2	151.8	146.1	199.3	191.9	328.0	1039	4837	2562	283.5	183.6	128.8
MEAN	4.43	5.06	4.71	6.43	6.85	10.6	34.6	156	85.4	9.15	5.92	4.29
MAX	5.3	7.4	5.1	14	13	22	78	428	290	17	16	6.7
MIN	2.7	3.5	4.0	5.1	5.4	5.0	13	33	18	5.0	3.8	3.6
AC-FT	272	301	290	395	381	651	2060	9590	5080	562	364	255
STATIST	CICS OF M	ONTHLY ME	AN DATA E	FOR WATER Y	EARS 1998	- 2003,	BY WATER Y	EAR (WY)				
MEAN	5.31	6.19	5.71	6.17	7.01	12.8	43.2	134	108	18.2	5.55	4.52
MAX	8.33	9.66	7.52	6.64	8.47	17.7	60.4	170	189	55.4	9.15	6.86
(WY)	1999	1999	1999	1999	2001	1999	2002	1999	1998	1998	1998	1998
MIN	3.66	4.67	4.71	5.22	5.42	9.46	27.5	105	28.5	6.96	3.02	3.06
(WY)	2002	2002	2003	2001	2002	2002	2001	2000	2001	2000	2000	2001
SUMMARY	STATIST	ICS	FOR	2002 CALEN	IDAR YEAR	I	FOR 2003 WAT	TER YEAR		WATER YEA	RS 1998 -	2003
ANNUAL	TOTAL			11746.0			10188.2					
ANNUAL	MEAN			32.2			27.9			27.9		
	ANNUAL									39.1		1999
	ANNUAL M									19.4		2001
	DAILY M			467				May 28			May 30	
	DAILY ME				Oct 31			Oct 31		2.5	Aug 23	2000
		Y MINIMUM		3.7	Oct 30			Sep 24 May 29		2.6	Aug 23 May 24	1000
	M PEAK FL M PEAK ST							May 29 May 29			May 24	
	RUNOFF (23300			20210	ray 23		20180		1 1 2 2 2
	CENT EXCE			90			60			72		
	CENT EXCE			5.8			6.2			6.9		
	CENT EXCE			4.4			4.3			4.1		

e Estimated

OWYHEE RIVER BASIN

13174500 OWYHEE RIVER NEAR GOLD CREEK, NV

LOCATION.--Lat 41°41'20", long 115°50'38", in NE 1 / $_4$ NW 1 / $_4$ sec.25, T.44 N., R.54 E., Elko County, Hydrologic Unit 17050104, in Humboldt National Forest, on left bank, 500 ft downstream from Wild Horse Dam, 0.1 mi upstream from Beaver Creek, 8 mi west of Gold Creek, and 12 mi southeast of Mountain City.

DRAINAGE AREA.--209 mi².

PERIOD OF RECORD.--April to October 1916, April 1917 to September 1925, October 1936 to current year.

REVISED RECORDS .-- WSP 1317: 1939-42 (M).

GAGE.--Water-stage recorder. Datum of gage is 6,118.75 ft, Bureau of Reclamation datum. Prior to October 1, 1936, at site 0.3 mi upstream at different datum. November 17, 1936, to October 18, 1967, at site 0.1 mi upstream at different datum. October 19, 1967, to September 30, 1971, temporary gage, 250 ft downstream at different datum, while new dam was being constructed 300 ft downstream from old dam.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Small diversions for irrigation above station. Flow regulated by Wild Horse Reservoir (station 13174000), capacity, 71,660 acre-ft, 0.1 mi upstream beginning March 18, 1938.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,810 ft³/ s, May 5, 1922, gage height, 10.11 ft, site and datum then in use; no flow many days, some years, due to gate regulation on reservoir.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 151 ft³/s, June 18, 20, 21, gage height, 2.14 ft; minimum daily, 0.10 ft³/s, many days.

EATKE	VILS FOR C						16, 20, 21, gage				0.10 It 78, III	any days.
		DISC	HARGE, CU	BIC FEET E		WATER Y Y MEAN V	YEAR OCTOBER VALUES	2002 TO	SEPTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	e0.10	e0.10	e0.10	e0.10	e0.10	e0.10	e0.10	e0.10	96	109	2.1
2	14	e0.10	1.4	e0.10	e0.10	e0.10	e0.10	e0.10	e0.10	97	109	2.1
3	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	52	103	109	2.1
4	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	97	107	95	2.1
5	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	96	107	87	2.1
6	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	108	48	2.1
7	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	108	e0.10	2.1
8	14	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	108	e0.10	2.1
				e0.10								
9 10	13 13	e0.10	2.2		e0.10	e0.10	e0.10	e0.10	95 95	113 120	e0.10	2.1
10	13	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	120	e0.10	2.1
11	13	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	94	119	e0.10	2.1
12	13	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	119	e0.10	2.1
13	13	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	119	e0.10	2.1
14	13	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	94	118	e0.10	2.1
15	3.5	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	95	117	e0.10	2.1
16	2.4	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	123	116	e0.10	2.2
17	2.5	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	143	114	e0.10	1.2
18	2.5	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	143	114	e0.10	3.6
19	2.5	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	142	113	e0.10	11
20	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	143	112	e0.10	21
21	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	142	112	1.2	21
22	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	141	111	2.0	21
23	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	129	111	2.0	21
24	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	115	111	2.0	21
25	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	116	110	2.0	21
26	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	115	110	2.0	21
27	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	104	109	2.0	21
28	2.6	e0.10	2.2	e0.10	e0.10	e0.10	e0.10	e0.10	96	109	2.0	21
29	0.73	e0.10	2.2	e0.10		e0.10	e0.10	e0.10	97	109	2.1	21
30	e0.10	e0.10	2.2	e0.10		e0.10	e0.10	e0.10	96	109	2.0	21
31	e0.10		1.2	e0.10		e0.10		e0.10		109	2.1	
TOTAL	227.73	3.00	64.30	3.10	2.80	3.10	3.00	3.10	3038.20	3438	579.80	280.5
MEAN	7.35	0.10	2.07	0.10	0.10	0.10	0.10	0.10	101	111	18.7	9.35
MAX	14	0.10	2.2	0.10	0.10	0.10	0.10	0.10	143	120	109	21
MIN	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	96	0.10	1.2
AC-FT	452	6.0	128	6.1	5.6	6.1	6.0	6.1	6030	6820	1150	556
STATIS	TICS OF M	ONTHLY ME	AN DATA F	OR WATER	YEARS 1916	5 - 2003	B, BY WATER	YEAR (W	IY)			
				4.20	6.99				89.2	78.9	70.5	35.8
MEAN MAX	11.9 73.0	4.30	3.45 46.9	4.20	6.99 146	13.7 130	82.3 549	122 794	89.2 321	404	164	35.8 104
	1976											
(WY)		1953	1976	1984	1972	1984	1943	1984	1984	1964	1985	1965
MIN (WY)	0.000 1939	0.000 1939	0.000 1939	0.000 1939	0.000 1939	0.000 1940	0.000 1939	0.000	0.28 1995	1.54 1992	1.00 1918	1.50 1937
	Y STATIST				ENDAR YEAR	1310					ARS 1916	
		.105	FOR				FOR 2003 WA		AK	WAIER IE	ARS 1916	- 2003
	TOTAL			12507.8			7646.63	3		4.2	2	
ANNUAL				34.3	3		20.9			43.		
	T ANNUAL									161		1984
	ANNUAL M							_				1992
	T DAILY M				Jun 18		143				May !	
	DAILY ME				.0 Jan 1) Oct 3			00 Mar 1	
		AY MINIMUM		0.1	.0 Jan 1) Oct 3			00 Mar 1	
	JM PEAK FI							Jun 1		1810		5 1922
	M PEAK ST							Jun 1	L 8		11 May	1922
	RUNOFF (24810			15170			31310		
	RCENT EXCE			126			109			125		
	RCENT EXCE			1.2			0.10			6.		
90 PER	RCENT EXCE	EEDS		0.1	. 0		0.10)		0.	00	

e Estimated

OWYHEE RIVER BASIN

13175100 OWYHEE RIVER NEAR MOUNTAIN CITY, NV

 $LOCATION.--Lat~41^{\circ}51'38",~long~115^{\circ}59'18",~in~SE~^{1}/_{4}~NW~^{1}/_{4}~sec.26,~T.46~N.,~R.53~E.,~Elko~County,~Hydrologic~Unit~17050104,~on~left~bank,~2.1~mi~northwest~of~Mountain~City.$

DRAINAGE AREA.--391 mi².

PERIOD OF RECORD.--April 1991 to September 1995; May 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,560 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,850 ft 3 / s, March 17, 1993, gage height, 9.81 ft; minimum daily, 0.42 ft 3 / s, August 4, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 358 ft³/s, May 4, gage height, 5.53 ft; minimum daily, 2.8 ft³/s, August 20.

		DISC	HARGE, CUB	IC FEET P		WATER YE MEAN VA	EAR OCTOBER :	2002 TO SE	PTEMBER	2003		
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	e11	e12	e18	47	e17	62	192	83	93	112	4.9
2	19	e12	e13	e19	4 0	e15	64	175	75	93	119	5.1
3	20	e12	e14	e19	33	e14	58	257	66	93	130	4.9
4	22	e12	e16	e21	29	e14	55	279	135	101	119	4.9
5	21	e13	e18	e19	31	e15	52	297	141	102	95	4.8
6	21	e12	e17	e18	33	18	51	255	137	102	92	4.7
7	21	e15	e17	e20	35	17	52	229	129	103	43	4.7
8	22	16	e16	e19	3 6	17	57	237	124	104	17	4.5
9	22	19	e16	e19	3 4	17	65	308	120	104	11	4.5
10	21	18	e17	19	32	18	65	267	115	115	9.1	5.2
11	23	17	18	20	29	20	70	251	113	116	7.0	5.7
12	24	16	18	21	e25	22	81	220	111	117	5.9	5.2
13	23	17	e17	19	e23	24	88	215	110	116	5.3	5.8
14	25	18	19	21	e24	3 0	96	219	106	116	4.7	5.7
15	24	16	19	20	e22	34	85	225	103	115	4.1	5.9
16	20	16	17	20	24	3 6	77	237	113	114	3.8	5.7
17	14	16	e18	22	22	32	97	226	155	114	3.2	6.2
18	14	e12	e19	22	21	28	129	204	156	115	3.1	6.0
19	14	e11	e18	23	19	26	147	171	167	115	2.9	5.3
20	14	e13	e19	23	20	27	159	138	168	116	2.8	15
21	14	15	19	22	e19	26	157	131	171	110	3.9	22
22	14	15	19	21	20	26	190	129	171	97	4.5	21
23	15	15	19	22	18	28	267	127	166	87	5.1	21
24	15	15	e17	e24	18	29	203	131	128	94	5.4	21
25	14	e13	e19	e27	20	27	204	127	123	104	5.0	21
26	15	e13	e23	28	20	89	200	127	121	110	5.1	21
27	15	e14	e22	e28	19	86	208	119	117	108	5.4	22
28	15	e14	e20	e36	19	64	265	108	99	110	5.0	22
29	15	e13	e19	31		59	248	107	97	109	5.0	21
30	15	e13	e20	33		58	211	105	94	110	5.6	23
31	13		e19	e42		59		95		110	5.3	
TOTAL	563	432	554	716	732	992	3763	5908	3714	3313	845.2	329.7
MEAN	18.2	14.4	17.9	23.1	26.1	32.0	125	191	124	107	27.3	11.0
MAX	25	19	23	42	47	89	267	308	171	117	130	23
MIN	13	11	1.2	18	18	14	51	95	66	87	2.8	4.5
AC-FT	1120	857	1100	1420	1450	1970	7460	11720	7370	6570	1680	654
STATIST	ICS OF MO	NTHLY MEA	N DATA FO	R WATER	YEARS 1991	- 2003	, BY WATER	YEAR (WY)				
MEAN	21.3	19.9	20.9	21.8	32.2	107	169	256	165	95.9	71.4	44.4
MAX	48.1	31.5	33.9	39.9	113	364	295	617	327	142	127	95.5
(WY)	1999	1995	1999	1995	1995	1993	1993	1998	1998	1998	1999	1998
MIN	7.49	12.4	11.6	7.96	14.0	32.0	35.0	62.2	27.2	2.06	2.72	5.07
(WY)	1993	2002	2002	2001	1998	2003	1992	1992	1992	1992	1992	1992
SUMMARY	STATISTI	CS	FOR 2	002 CALE	NDAR YEAR		FOR 2003 WA	TER YEAR		WATER YEA	RS 1991	- 2003
ANNIJAI, '	ጥ∩ጥλ⊺.			30997			21861.9					
ANNUAL I				84.9			59.9			86.4		
	ANNUAL M	IEAN								143		1998
	ANNUAL ME									21.7		1992
	DAILY ME			381	Apr 15		308	May 9		1260		8 1993
	DAILY MEA			10	Jan 5			Aug 20			2 Aug	
	SEVEN-DAY			12	Jan 29			Aug 15			2 Jul 2	
	PEAK FLO						358			1850		7 1993
	PEAK STA							May 4			1 Mar 1	7 1993
	RUNOFF (A			61480			43360			62580		
	ENT EXCEE ENT EXCEE			208 59			155 22			204 40		
	ENT EXCEE			14			5.9			40 11		
JU FERC.	DACEE			1.1			5.5			11		

e Estimated

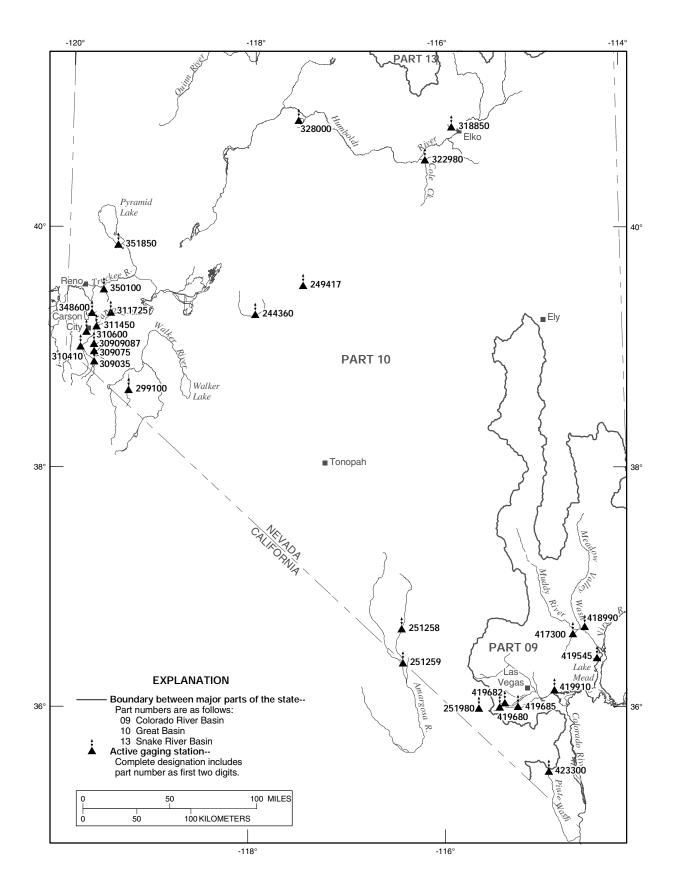


Figure 29. Crest-stage partial-record stations listed in this report.

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges at crest-stage stations during water year 2003. A crest-stage gage is a device that registers the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharges determined on the basis of current-meter or indirect measurements. "Period of record" indicates the water years for which the annual maximums have been determined. The following sites are shown in figure 29

		D : 1 0	2003	Annual N	Maximum	Perio	od of Record I	Maximum
Station Name and Number	Location and Drainage Area	Period of Record (water year)		Gage Height (feet)	Discharge (ft ³ /s)	Date	Gage Height (feet)	Discharge (ft ³ /s)
			lo River Ba					
California Wash near Moapa, NV (09417300)	Lat 36°36'37", long 114°39'37", in SE ¹ / ₄ SE ¹ / ₄ SE ² / ₄ sec.24,T.12S.,R.65E. Clark County, Hydrologic Unit 15010012, 1.6 mi northwest of Byron Interchange on Interstate Highway 15. Drainage area is about 35 mi ² .	1981, , 1987-2003	08-16-03	35.27	E360	8-10-81		30,600
Weiser Wash near Glendale, NV (09418990)	Lat 36°40'05", long 114°31'10", in SW¹/ ₄ SE¹/ ₄ sec.31, T.14 S., R.67 E., Clark County, Hydrologic Unit 15010012, at culvert on Interstate Highway 15, about 2 mi east of Glendale at milemarker 93. Drainage area is 43 mi².	1966-81, 1984, 1990, 1998-2003	08-16-03	5.30	E8.0	8-29-00	21.02	6,100
Valley of Fire Wash near Overton, NV (09419545)	Lat 36°24'18", long 114°25'05", in SE ¹ / ₄ SW ¹ / ₄ sec.32, T.17 S., R.68 E., Clark County, Hydrologic Unit 15010005, on Northshore Road, 1.1 mi west of Fire Bay. Drainage area is about 28 mi ² .		08-19-03	44.97	370	8-10-81		20,800
Cottonwood Valley near Blue Diamond, NV (09419680)	Lat 36°00'35", long 115°25'50", in NE ¹ / ₄ NW ¹ / ₄ sec.25, T.22 S., R.58 E., Clark County, Hydrologic Unit 15010015, at culverts on Cottonwood Valley Road, 3 mi southwest of Blue Diamond. Drainage area is 18.3 mi ² .	1961-2003	08-26-03		E9.0	1-25-69	8.53	1,100
Oak Creek Wash near Blue Diamond, NV (09419682)	Lat 36°02'41", long 115°22'38", in SW ¹ / ₄ SW ¹ / ₄ sec.9, T.22 S., R.59 E., Clark County, Hydrologic Unit 15010015, on Blue Diamond Boulevard, 1.4 mi east of Blue Diamond. Drainage area is 27.5 mi ² .	1969, 1987-2003	09-04-03	43.24	E30	1-25-69		4,950
Bird Spring Wash near Arden, NV (09419685)	Lat 36°00'44", long 115°14'33", in NW ¹ / ₄ NW ¹ / ₄ sec.26, T.22 S., R.60 E., Clark County, Hydrologic Unit 15010015, 0.5 mile southwest of Arden. Drainage area is 3.61 mi ² .	1987-2003			*	7-08-99	44.38	40
Gypsum Wash at Northshore Road near Las Vegas Bay, NV (09419910)	Lat 36°08'42", long 114°51'53", in SW ¹ / ₄ NE ¹ / ₄ sec.7, T.21 S., R.64 E., Clark County, Hydrologic Unit 15030005, 1.4 mile east of Lake Mead Blvd. on Northshore Rd. Drainage area is 100.8 mi ² .	1984, 1998, 2000-03	08-16-03	74.12	E4.0	9-11-98	100.17	17,000
Piute Wash tributary near Searchlight, NV (09423300)	Lat 35°28'00", long 114°56'20", in SE ¹ / ₄ NE ¹ / ₄ sec.33, T.28 S., R.63 E., Clark County, Hydrologic Unit 15030102, at culvert on State Highway 164, 1.1 mile west of Searchlight, NV. Drainage area is approximately 3.4 mi ² .	1967-82, 1984, 1987-90, 1998-2003			*	9-11-98	E21	600

CREST-STAGE PARTIAL-RECORD STATIONS-Continued

	CREST-STAGE	PARTIAL-R		ATIONS- Annual M		Perio	d of Record I	Maximum
Station Name and Number	Location and Drainage Area	Period of Record (water year)	Date	Gage Height (feet)	Discharge (ft ³ /s)	Date	Gage Height (feet)	Discharge (ft ³ /s)
Dixie Valley tributary near Eastgate, NV (10244360)	Lat 39°17'30", long 117°59'00", in SE ¹ / ₄ sec.36, T.17 N., R.35 E., Churchill County, Hydrologic Unit 16060001, at culvert on U.S. Highway 50, and 6 mi west of Eastgate. Drainage area is approximately 11 mi ² .	1961-2003	0703	5.07	140	8-61	15.00	1,480
Smith Creek Valley tributary near Austin, NV (10249417)	Lat 39°32'21", long 117°28'26", in NE ¹ / ₄ SE ¹ / ₄ sec.4, T.19 N., R.40 E., Lander County, Hydrologic Unit 16060002, at culvert on U.S. Highway 50, and 22 mi west of Austin. Drainage area is approximately 0.62 mi ² .	1968-79, 1981-82, 1984, 1988, 1993-2003			*	7-84		130
Lovell Wash near Blue Diamond, NV (10251980)	Lat 36°00'10", long 115°38'38", in NE ¹ / ₄ SW ¹ / _{\$ec.25T.23S.R.5Œ. Clark County, Hydrologic Unit 16060015, 13.7 mi west of Blue Diamond and 24 mi southeast of Pahrump. Drainage area is 52.8 mi².}	1966-68, 1969-77 ⁺ , 1978-81, 1987, 1999-2003	08-26-03	8.48	E30	1-25-69	6.90	4,150
		Amargosa	River Basin	1				
Fortymile Wash near Amargosa Valley, NV (10251258)	Lat 36°40'18", long 116°26'03", in SW ¹ / ₄ SW ¹ / ₄ sec.2, T.15 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test site, on left bank, 3 mi northwest of intersection of US Highway 95 and State Highway 373. Drainage area is 316 mi ² .	1969, 1983-97 ⁺ , 1998-2003	07-31-03		<0.1	7-22-84	7.10	1,430
Amargosa River at Highway 127 near CA-NV Stateline, CA (10251259)	Lat 36°23'12", long 116°25'22", in SW ¹ / ₄ SE ¹ / ₄ sec.5, T.26 S., R.5 E., Inyo County, Hydrologic Unit 18090202, on right bank 75 feet upstream from State Highway 127, 1.6 mi south of California-Nevada Stateline. Drainage area is 1,542 mi ² .	1993, 1994-95 ⁺ , 1998, 2000-03	02-12-03	19.24	50	7-6-01	20.27	470
		Walker I	River Basin					
Desert Creek near Wellington, NV (10299100)	Lat 38°38'55", long 119°19'30", in SW ¹ / ₄ SW ¹ / ₄ sec.8, T.9 S., R.24 E., Lyon County, Hydrologic Unit 16050302, 30 ft above diversion structure, 8 mi southeast of Wellington. Drainage area is 50.4 mi ² .	1964-80, 1997, 1999-2003	05-27-03	2.88	80	6-05-99	3.28	262
		Carson I	River Basin					
Indian Creek above Mouth near Gardnerville, NV (10309035)	Lat 38°52'45", long 119°42'04", in NW ¹ / ₄ NE ¹ / ₄ sec.26, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, 0.75 mi above confluence with East Fork Carson River, and 5.0 mi south of Gardnerville. Drainage area is 25.4 mi ² .	1994-98+, 1999-2003	07-10-03	1.02	"1.35	3-10-95	7.13	1,800
Buckeye Wash at East Valley Road near Minden, NV (10309075)	Lat 38°57'53", long 119°42'13", in SW ¹ / ₄ NE ¹ / _{\$ec.26T.13N.R.2Œ. Douglas County, at culvert on East Valley Road 2.9 mi NE of Gardnerville. Hydrologic Unit 16050201. Drainage area is 73.8 mi².}	1992, 1994-95, 1997-2003	07-20-03	5.80	E140	7-14-92		E3,000
Johnson Wash at Fremont Drive near Minden, NV (1030909087)	Lat 39°01'31", long 119°42'13", in NE¹/ ₄ NW¹/ _{\$ec.27.13} N.R.2Œ. Douglas County, at culvert on Fremont Drive 6 mi NE of Gardnerville. Hydrologic Unit 16050201. Drainage area is 10.4 mi².	1991-97, 1999-2003	07-20-03	15.89	E19	7-22-94		E1,400
Genoa Canyon Creek at Genoa, NV (10310410)	Lat 39°00'02", long 119°51'00", in SE ¹ / ₄ SW ¹ / _{\$\infty\$ec.9,T.13N.R.19E., Douglas County, Hydrologic Unit 16050201, 0.5 mi southwest of Genoa. Drainage area is 2.24 mi².}	1997, 2000-03	01-22-03	10.12	"1.3	1-01-97		E ₁₅₀

CREST-STAGE PARTIAL-RECORD STATIONS-Continued

	CREST-STAGE	PARTIAL-R		ATIONS-O		Perio	d of Record I	Maximum
Station Name and Number	Location and Drainage Area	Period of Record (water year)	Date	Gage Height (feet)	Discharge (ft ³ /s)	Date	Gage Height (feet)	Discharge (ft ³ /s)
		Carson River I	BasinCont	inued				
Voltaire Canyon Creek at Carson City, NV (10310600)	Lat 39°07'29", long 119°47'21", in NE ¹ / ₄ NE ¹ / ₈ ec.36T.15N.R.1Æ. Carson City, Hydrologic Unit 16050201, 1.2 miles west of Highway 395 at Carson City. Drainage area is about 1 mi ² .	1979, 1980, 1982, 1986, 1997, 2000-03	11-08-02	4.00	E0.4	1-02-97		118
Brunswick Canyon near New Empire, NV (10311450)	Lat 39°10'20", long 119°41'10", in $\mathrm{NW}^1/_4\mathrm{NE}^1/_4$ sec.13, T.15 N., R.20 E., Carson City, Hydrologic Unit 16050202, 0.3 mile upstream from mouth, and 2.5 mi east of New Empire. Drainage area is 12.7 mi ² .	1966-78, 1980-2003	08-01-03	2.24	E3.0	3-11-95	5.02	245
Sixmile Canyon Creek at Highway 50 near Dayton, NV (10311725)	Lat 39°17'22", long 119°32'16", in $\mathrm{SE}^1/_4\mathrm{SW}^1/_4$ sec.32, T.17 N., R.22 E., Lyon County, Hydrologic Unit 16050202, about 4.9 mi east of Dayton. Drainage area is 17.29 mi ² .	1986, 1995, 1998-2003	08-02-03	9.50	E2.0	2-19-86		500
		Humboldt	River Basin	n				
East Adobe Creek near Elko, NV (10318850)	Lat $40^{\circ}51'27''$, long $115^{\circ}51'13''$, in $SE^1/_4SE^1/_4$ sec. 2, T.34 N., R.54 E., Elko County, Hydrologic Unit 16040101, at culvert on State Highway 225, 2.0 mi northwest of Elko. Drainage area is 6.0 mi ² .	1971, 1999-2003	08-02-03	9.88	1.5	7-27-71		424
Cole Creek near Palisade, NV (10322980)	Lat 40°35'05", long 116°08'55", in SE ¹ / ₄ NE ¹ / ₄ sec.7, T.31 N., R.52 E., Eureka County, Hydrologic Unit 16040104, at culvert on State Highway 278, 3.2 mi southeast of Palisade. Drainage area is 11.4 mi ² .	1962-83, 1985-2003	08-02-03	3.65	E5.0	6-83	3.80	1,090
Pole Creek near Golconda, NV (10328000)	Lat 40°54'59", long 117°31'49", in N¹/ ₄ NE¹/ ₄ sec.13, T.35 N., R.39 E., Humboldt County, Hydrologic Unit 16040108, 2.0 mi upstream from Devils Canyon, 3 mi southwest of interstate 80 and 4 mi southwest of Golconda. Drainage area is 10.7 mi².	1960-73 ⁺ , 1999-2003	05-30-03	12.40	280	8-5-61		E4,000
-	Pyra	mid and Winr	nemucca Lal	kes Basin				
Jumbo Wash near New Washoe City, NV (10348600)	Lat 39°16′58″, long 119°44′16″, in SW ¹ / ₄ NE ¹ / ₄ sec.04, T.16N., R.20 E., Washoe County, Hydrologic Unit 16050102, 2 mi southeast of New Washoe City. Drainage area is 4.9 mi ² .	1986, 1991, 1999-2003	7-20-03	9.34	E48	7-22-86		1,230
Long Valley Canyon Creek near Lockwood, NV (10350100)	Lat 39°30'04", long 119°38'42", in NW ¹ / ₄ NW ¹ / ₄ sec.21, T.19N., R.21E., Storey County, Hydrologic Unit 16050103, 0.75 mi south of U.S. Interstate 80. Drainage area is approximately 82 mi ² .	1956, 1967-78, 1986, 1995-2003	0203		E0.2	2-19-86	97.54	5,400
Pyramid Lake tributary near Nixon, NV (10351850)	Lat 39°51'30", long 119°28'32", in SW ¹ / ₄ SE ¹ / ₄ sec.14, T.23 N., R.22 E., Washoe County, Hydrologic Unit 16050103, at bridge on former Southern Pacific Railroad right-of-way, 6.5 mi west of Nixon. Drainage area is 1.94 mi ² .	1968-79, 1981-90, 1992-2003			*	2-19-86	3.87	E950

E Estimated

^{*} No evidence of any flow during the water year + Operated as a continuous recording station

[&]quot;Highest observed during the water year

< Less than

MISCELLANEOUS SITES

The following table contains discharge data for the sites that were measured during the water year.

Station name	Location	Period of	Measurements			
and number	and drainage area	record (water years)	Date	Time	Discharge (ft ³ /s)	
	Colorado River	Basin				
Colorado River	Lat 36°00'55", long 114°44'16", in	1933-2003	02-22-02	1013	28,400	
below Hoover	NE ¹ / ₄ SW ¹ / ₅ ec.03,T.30N.R.23		02-22-02	1042	27,400	
Dam, NV 09421500	Mohave-Clark Counties, Hydrologic Unit 15030101, downstream side of		05-23-02	1101	28,000	
07421300	Hoover Dam.		08-19-02	0942	12,200	
			08-19-02	1004	8,890	
			08-29-02	0906	14,500	
			08-29-02	0915	15,500	
			03-20-03	1133	26,600	
			04-30-03	1106	20,800	
			04-30-03	1118	16,800	
			06-30-03	1042	11,600	
			06-30-03	1055	13,200	
			09-04-03	1140	7,100	
			09-22-03	1105	6,040	
			09-22-03	1116	7,630	
			09-22-03	1128	9,600	

MISCELLANEOUS SITES

Station name		Location	Period of		N	Measurements		
and number	Tributary to	and drainage area	record (water years)	Date	Discharge (ft ³ /s)		Specific Conductance	ъU
number	10	Walker Rive	•	Date	(11 /3)	Temperature	Conductance	pm
By Day Creek	Buckeye	Lat 38°16'08", long 119°18'10", in	1995-2003	10-29-02	.16			
near	Creek	NW ¹ / ₄ NW ¹ / ₄ sec.26,T.5N.R.24E.,		12-12-02	.21			
Bridgeport, CA	CICCK	Mono County, Hydrologic Unit		01-24-03	.41			
(10291750)		16050301, about 1 mi southwest of Bridgeport Ranger Station, and about		03-13-03	.74			
		4 mi northwest of Bridgeport.		04-15-03	1.5			
				05-28-03	4.0			
				07-09-03	.46			
				08-28-03	.20			
Murphy Creek	East	Lat 38°22'19", long 119°11'50", in	1995-2003	10-30-02	.54			
above East	Walker	NW ¹ / ₄ SE ¹ / ₄ sec.14,T.6N.,R.25E.,		12-13-02	.81			
Walker River	River	Mono County, Hydrologic Unit		01-22-03	1.0			
near Bridgeport, CA	111,01	16050301, 3.5 mi north of Bridgeport Reservoir Dam, and about 8 mi north		03-11-03	1.2			
(10293015)		of Bridgeport.		04-16-03	2.0			
(/		6.1		05-30-03	8.3			
				07-09-03	2.2			
				08-28-03	.69			
Mill Canyon	West	Lat 38°29'12", long 119°29'01", in	1995-2003	10-29-02	.49			
Creek above	Walker	$SE^{1}/_{4}NE^{1}/_{4}sec.6,T.7N.,R23E.,$		12-09-02	.90			
Lost Cannon	River	Mono County, Hydrologic Unit		03-13-03	1.8			
Creek near Walker, CA		16050302, in Mill Canyon, about 0.5 mi upstream from Lost Cannon Creek,		04-15-03	3.2			
(10296580)		and about 2 mi southwest of Walker.		05-28-03	8.6			
				07-08-03	1.0			
				08-27-03	.48			
				09-30-03	.42			
Walker River at	Walker	Lat 38°58'58", long 119°10'52", in	1995-2003	10-11-02	93			
East Bridge	Lake	NE ¹ / ₄ NE ¹ / ₄ sec.21,T.13N.R.25E.,	,	11-21-02	42			
Street near Yerington, NV		Lyon County, Hydrologic Unit 16050303, at Bridge Street, 0.8 mi		01-02-03	73			
(10301100)		west of Yerington.		02-11-03	73			
,		č		03-26-03	66			
				05-07-03	58			
				06-12-03	290			
				07-28-03	186			
				09-10-03	125			
Walker River at	Walker	Lat 39°02'02", long 118°51'41", in	1994-2003	10-03-02	31	11.0	337	
PT Site below Weber	Lake	SW ¹ / ₄ NW ¹ / ₅ ec.33T.14N.R.28E. Mineral County, Hydrologic Unit	,	10-10-02	31			
Reservoir near		16050303, 0.6 mi south of Weber		04-30-03	50	15.5		
Schurz, NV		Reservoir, and 6.3 mi northwest of		05-15-03	26	19.0		
(10301720)		Schurz.		05-27-03	19	20.0		
				06-10-03	64	26.0		
				06-25-03	3.7	20.0	497	
				07-09-03 07-23-03	65	25.0		
				08-05-03	40 1.2	25.5 28.5		
				08-03-03	76	25.0	379	
				09-02-03	39	24.5	319	
				09-16-03	1.4	20.0		
			1001 2002					
Walker River at Powerline	Walker	Lat 38°53'41", long 118°46'54", in NW ¹ / ₄ NE ¹ / ₄ Sec.19,T.12N.R.29E	1994-2003	10-03-02	.03	16.0	776	7.8
Crossing near	Lake	Mineral County, Hydrologic Unit	,	10-11-02	.03	165	772	7.0
Schurz, NV		16050303, 0.9 mi east of U.S.		10-15-02 05-01-03	.07	16.5	773	7.8
(10302005)		Highway 95, and 4.3 mi southeast of Schurz.		05-01-03	.28 .17	17.5	602 581	7.9
		Schulz.		05-16-03	.05	15.5 22.5	581 546	8.1 8.6
				05-28-03	<.01	19.5	600	7.0
				06-26-03	<.01	26.5	529	8.5
				07-09-03		20.3	34)	5.5
				07-24-03	<.01		799	7.5
				08-05-03				,
				08-21-03				
				09-04-03				
				09-17-03	No flow			
				09-29-03	No flow			

MISCELLANEOUS SITES

		MISCELLE II (EGGS SITES			
Station name		Location	Period of	Meas	urements
and		and	record		Discharge
number	Tributary to	drainage area	(water years)	Date	(ft ³ /s)
		Walker River BasinContinued			
Walker River near	Walker Lake	Lat 38°47'28", long 118°43'34", in	1994-2003	10-03-02	No flow
mouth at Walker	Waller Baile	SE ¹ / ₄ SE ¹ / ₄ sec.29, T.11 N., R.29 E.,		10-11-02	
Lake, NV		Mineral County, Hydrologic Unit		05-01-03	.92
(10302025)		16050303, 1.5 mi southeast of Pelican			
		Point, and about 10 mi northeast of		05-16-03	.52
		Walker Lake.		05-28-03	.31
				06-11-03	No flow
				06-26-03	No flow
				07-09-03	No flow
				07-23-03	No flow
				08-05-03	No flow
				08-21-03	
				09-04-03	
				09-17-03	
				09-29-03	No flow
Desert Creek near	Walker River	Lat 38°38'55", long 119°19'30", in	1964-80,	05-20-03	17
Wellington, NV	Walker River	SW1/4SW1/4 sec.8, T.9 S., R.24 E., Lyon	1997,	05-27-03	38
(10299100)		County, Hydrologic Unit 16050302, 30 ft	1997,		
,		above diversion structure, 8 mi southeast	1999-2003	06-03-03	44
		of Wellington. Drainage area is 50.4 mi ² .		09-30-03	3.3
		Carson River Basin			
A C 1 1	E . E . I G . D'		1000 2002	10.20.02	10
Aspen Creek above Leviathan Creek,	East Fork Carson River	Lat 38°42'02", long 119°39'30", in NE 1/4 NW 1/4 sec.15, T.10 N., R.21 E., Alpine	1999-2003	10-29-02	.13
near		County, Hydrologic Unit 16050201,		11-20-02	.15
Markleeville, CA		3.2 mi north of Highway 89 and 6.5 mi		01-29-03	.29
(103087898)		east of Markleeville.		02-25-03	.25
(,				03-27-03	.44
				04-29-03	.33
				05-28-03	.27
				06-23-03	.26
				07-25-03	.18
				08-27-03	.15
				09-23-03	.15
Indian Creek above	Carson River	Lat 38°52'45", long 119°42'04", in	1994-1998	10-31-02	.17
Mouth near Gardnerville, NV		NW1/4NE1/4 sec.26, T.12 N., R.20 E., Douglas County, Hydrologic Unit	1999-2003	04-14-03	.17
(10309035)		16050201, 0.75 mi above confluence with East Fork Carson River, and 5.0 mi south of Gardnerville. Drainage area is			
		25.4 mi ² .			
			1076	12.04.02	1.0
Jobs Canyon Creek	West Fork Carson River	Lat 38°53'26", long 119°50'20", in	1976,	12-06-02	1.3
near Minden, NV		SW ¹ / ₄ NW ¹ / ₄ sec.22,T.12N.R.19E.,	1981-1983,	07-01-03	1.4
(10310360)		Douglas County, Hydrologic Unit 16050201, 3.6 mi southwest of	1989-2003	09-30-03	1.5
		Centerville. Drainage area is 2.97 mi ² .			
Stutler Canyon Creek	West Fork Carson River	Lat 38°54'35", long 119°50'32", in	1997-2003	12-06-02	.46
near Minden, NV		NW ¹ / ₄ NW ¹ / ₄ sec.15,T.12N.,R.19E.,		03-31-03	.41
(10310375)		Douglas County, Hydrologic Unit		07-01-03	.25
		16050201, 5.3 mi southwest of Minden.		09-30-03	.23
Manager Constant	W (FIG D	I -+ 2005510211 1 11005014411 :	1007 2002		
Monument Creek near Minden, NV	West Fork Carson River	Lat 38°55'03", long 119°50'44", in NE ¹ / ₄ SE ¹ / ₄ sec.9, T.12 N., R.19 E.,	1997-2003	12-06-02	2.9
(10310380)		Douglas County, Hydrologic Unit		03-31-03	2.6
(10510500)		16050201, above diversion structure and		07-01-03	2.6
		5.0 mi southwest of Minden.		09-30-03	2.5
Genoa Canyon Creek at	Carson River	Lat 39°00'02", long 119°51'00", in	1969,1972,	1-22-03	1.3
Genoa, NV		SE1/4SW1/4 sec.9, T.13 N., R.19 E.,	1976,1977,	9-30-03	.44
(10310410)		Douglas County, Hydrologic Unit	1981,1982,		
		16050201, 0.5 mi southwest of Genoa.	1981,1982,		
		Drainage area is 2.24 mi ² .	1707-2003		
James Canyon Creek	West Fork Carson River	Lat 39°03'07", long 119°50'25", in	1997-2003	12-05-02	.46
near Genoa, NV	Cot I OIR Caroui Rivel	NW ¹ / ₄ NE ¹ / ₄ sec.27,T.14N.,R.19E.,	1,,, 2003	03-31-03	.87
(10310425)		Douglas County, Hydrologic Unit			
,		16050201, 3.3 mi north of Genoa.		07-01-03	.58
				09-30-03	.40
Water Canyon near	Carson River	Lat 39.04'17", long 119°50'52", in	1996-2003	12-05-02	.93
Genoa, ŇV		$SW^{1}/_{4}SE^{1}/_{4}sec.16,T.14N.,R.19E.,$		03-31-03	1.4
(10310430)		Douglas County, Hydrologic Unit		06-27-03	1.1
		16050201, 1.5 mi upstream from Foothill			
		Road and about 4.5 mi north of Genoa.		09-30-03	.78

MISCELLANEOUS SITES

		MISCELLANEOUS SITES				
Station name		Location	Period of	Measurements		
and number	Tributary to	and drainage area	record (water years)	Date	Discharge (ft ³ /s)	
number	Thoutary to	Carson River BasinContinued	(water years)	Date	(11 /3)	
I. G. G. 1	G D:		1004.05	10 10 00	00	
Vicee Canyon Creek near Sagebrush	Carson River	Lat 39°11'02", long 119°48'18", in	1984-85	12-12-02	.02	
Ranch near Carson		NW^{1} / $_{4}NW^{1}$ / $_{4}sec.12,T.15N.,R.19E.,$ Carson City, Hydrologic Unit 16050201,	1989-97+	01-21-03	.05	
City, NV		0.7 mi southwest of intersection of West	1998-2003	03-10-03	.21	
(10311260)		Ormsby Boulevard and Combs Canyon		04-22-03	.04	
		Road.		05-30-03	.08	
Carson River below		Lat 39°16'56", long 119°32'01", in	1994-97+,	03-28-03	469	
Dayton, NV		SW ¹ / ₄ NE ¹ / ₄ sec.05,T.16N.,R.22E., Lyon County, Hydrologic Unit 16050202,	1998, 2003	04-30-03	200	
(10311715)		on left bank, 5.3 mi downstream of		05-28-03	2000	
		Dayton Valley Road bridge in Dayton.		06-19-03	560	
				07-24-03	25	
				09-08-03	6.1	
Carson River near		Lat 39°16'56", long 119°32'01", in	2001-2003	10-29-02	3.2	
Silver Springs, NV		NE1/4SE1/4 sec.35, T.17 N., R.24 E.,		11-27-02	106	
(10312020)		Lyon County, Hydrologic Unit 16050202, at Weeks bridge, 8.5 mi south of Silver		12-13-02	98	
		Springs, NV.		12-18-02	428	
		1 0 /		01-22-03	202	
				02-20-03	244	
				03-20-03	277	
				03-28-03	396	
				04-15-03	577	
				05-13-03	146	
				05-16-03	540	
				05-19-03	954	
				05-27-03	2100	
				06-03-03		
				06-09-03		
				06-30-03	258	
				08-13-03 09-24-03	8.4 3.0	
		Humboldt River Basin		09-24-03	3.0	
East Adobe Creek near	Humboldt River	Lat 40°51'27", long 115°51'13", in	1971,	05-21-03	.03	
Elko, NV		SE1/4SE1/4 sec.2, T.34 N., R.54 E., Elko	1999-2003			
(10318850)		County, Hydrologic Unit 16040101, at				
		culvert on State Highway 225, 2.0 mi northwest of Elko. Drainage area is 6.0				
		mi ² .				
Cole Creek near	Pine Creek	Lat 40°35'05", long 116°08'55", in	1962-83	08-04-03	.16	
Palisade, NV		SE1/4NE1/4 sec.7, T.31 N., R.52 E.,	1985-2003			
(10322980)		Eureka County, Hydrologic Unit 16040104, at culvert on State Highway				
		278, 3.2 mi southeast of Palisade.				
		Drainage area is 11.4 mi ² .				
Pole Creek near	Humboldt River	Lat 40°54'59", long 117°31'49", in	1960-73	01-16-03	.51	
Golconda, NV		N1/4NE1/4 sec.13, T.35 N., R.39 E.,	1999-2003	02-26-03	.19	
(10328000)		Humboldt County, Hydrologic Unit 16040108, 2.0 mi upstream from Devils		04-03-03	5.2	
		Canyon, 3 mi southwest of interstate 80		05-22-03	18	
		and 4 mi southwest of Golconda.		07-02-03	1.1	
		Drainage area is 10.7 mi ² .		08-13-03	.08	
				09-25-03	.09	
		Pyramid and Winnemucca Lakes Basin	1051.55	10.0: ::		
McCrays Canyon near	Franktown Creek	Lat 39°12'13", long 119°52'48", in	1974-81,	10-04-02	.09	
Carson City, NV (10348480)		SW ¹ / ₄ SW ¹ / ₄ sec.32,T.16N.,R.19E., Washoe County, Hydrologic Unit	1703 72,	11-06-02	.07	
(-00.0.00)		16050101, 0.5 mi upstream from mouth,	1994-2003	03-12-03	.11	
		and 6.5 mi northwest of Carson City.		07-30-03	.31	
		Lat 39°16'58", long 119°44'16", in	1986, 1991,	11-14-02	.04	
	Washoe Lake					
Washoe City, NV	Washoe Lake	SW1/4NE1/4 sec.04, T.16N., R.20 E.,	1999-2003	02-03-03	.22	
	Washoe Lake	SW1/4NE1/4 sec.04, T.16N., R.20 E., Washoe County, Hydrologic Unit	1999-2003	03-18-03	.12	
	Washoe Lake	SW1/4NE1/4 sec.04, T.16N., R.20 E.,	1999-2003			

⁺ Operated as a continuous recording station

GROUND WATER AND PROJECT RECORDS

1-NORTHWEST REGION

- Pueblo V.
- Continental Lake V. Gridley Lake V.

- Virgin V. Sage Hen V.
- Guano V.
- Swan Lake V. Massacre Lake V.
- Long V. Macy Flat Coleman V. 10. 11. 12.

- Mosquito V. Warner V. Surprise V. Boulder V. 13. 14.
- 15. 16.
- Duck Lake V.

2-BLACK ROCK DESERT REGION

- Pilgrim Flat
- Painter Flat
- 19
- Dry V. Sano V.
- Smoke Creek Desert
- 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. San Emidio Desert Granite Basin
- Hualapai Flat
- High Rock Lake V. Mud Meadow

- Summit Lake V. Black Rock Desert Pine Forest V.
- Kings River V.

 (A) Rio King Subarea
- (B) Sod House Subarea
- Desert V. Silver State V.
- - Quinn River V. (A) Orovada Subarea
 - (B) McDermitt Subarea

3-SNAKE RIVER BASIN

- Little Owyhee River Area South Fork Owyhee River Area Independence V. Owyhee River Area 35
- 38.
- Bruneau River Area Jarbidge River Area
- 40. Salmon Falls Creek Area
 - Goose Creek Area

4-HUMBOLDT RIVER BASIN

- Marys River Area
- Starr V. Area North Fork Area Lamoille V.
- 43. 44. 45.
- 46. 47. 48. South Fork Area
- Huntington V. Dixie Čreek --
- Tenmile Creek Area
- 49.
- Elko Segment Susie Creek Area Maggie Creek Area 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 70. 71. 72. 73.
- Marys Creek Area Pine V. Crescent V.

- Crescent V.
 Carico Lake V.
 Upper Reese River V.
 Antelope V.
 Middle Reese River V.
 Lower Reese River V.
 Whirlwind V.

- Boulder Flat

- Rock Creek V. Willow Creek V. Clovers Area Pumpernickel V. Kelly Creek Area Little Humboldt V.
- Hardscrabble Area Paradise V.
- Winnemucca Segment

- Imlay Area Lovelock V. (A) Oreana Subarea
- 74. White Plains

5-WEST CENTRAL REGION

- Bradys Hot Springs Area
- 76. Fernley Area Fireball V.
- Granite Springs V. Kumiva V.

6-TRUCKEE RIVER BASIN

- 81. Pvramid Lake V.
- Dodge Flat Tracy Segment
- Warm Springs V.

- Spanish Springs V.
- Sun V. Truckee Meadows 86. 87.
- 88 Pleasant V
- 89. Washoe V.
- 90 Lake Tahoe Basin
- Truckee Canyon Segment

7-WESTERN REGION

- 92 Lemmon V
 - (A) Western Part (B) Eastern Part
- Antelope V. Bedell Flat 94. 95.
- Dry V. Newcomb Lake V.
- Honey Lake V. Skedaddle Creek V. 98
- Red Rock V.
- Cold Spring V. (A) Long V. 100.

8-CARSON RIVER BASIN

- 101. Carson Desert
- (A) Packard V. Churchill V.
- 103. Dayton V.
- 104. Eagle V. 105. Carson Valley

9-WALKER RIVER BASIN

- Antelope V. Smith V.
- 107. 108.
- Mason V. East Walker Area Walker Lake V. 110.

 - (A) Schurz Subarea (B) Lake Subarea

 - (C) Whisky Flat --Hawthorne Subarea

10-CENTRAL REGION

- 111. Alkali V. (Mineral)
 - (A) Northern Part (B) Southern Part
- Mono V.
- Huntoon V.
- 114. 115.
- Teels Marsh V. Adobe V. Queen V. 116.
- 117. Fish Lake V Columbus Salt Marsh V. Rhodes Salt Marsh V.
- 119.
- Garfield Flat Soda Spring V. (A) Eastern Part (B) Western Part Gabbs V.

- 122. 123. Rawhide Flats
- Fairview V. Stingaree V. Cowkick V. 125.
- 126. 127. 128. Eastgate V. Area
- Dixie V. Buena Vista V.
- 129. 130.
- Pleasant V. Buffalo V. 131.
- 132. 133. Jersey V. Edwards Creek V.
- 134. 135.
- Smith Creek V. Ione V.
- Monte Cristo V 136 137.
- Big Smoky V.

 (A) Tonopah Flat

 (B) Northern Part
- Grass V. Kobeh V. 139
- Monitor V.

 (A) Northern Part

 (B) Southern Part
 Ralston V.
- Alkali Spring V. (Esmeralda) Clayton V. 142
- 143.
- 144. Lida V.
- 145
- Stonewall Flat Sarcobatus Flat Gold Flat 147.
- 148. 149.
- Gold Flat Cactus Flat Stone Cabin V. Little Fish Lake V. Antelope V. (Eureka & Nye) Stevens Basin 150
- 151. 152.
- 153.
- 154. 155.
- Diamond V.
 Newark V.
 Little Smoky V.
 (A) Northern Part
 (B) Central Part
- (C) Southern Part Hot Creek V.
- 157. Kawich V. Emigrant V.
 - (A) Groom Lake V. (B) Papoose Lake V.

- 159. Yucca Flat160. Frenchman Flat161. Indian Springs V.

- 161. Indian Springs V.
 162. Pahrump V.
 163. Mesquite V. (Sandy V.)
 164. Ivanpah V.

 (A) Northern Part
 (B) Southern Part

 165. Jean Lake V.
 166. Hidden V. (South)
 167. Eldorado V.

- Eldorado V.
 Three Lakes V. (Northern Part)
 Tikapoo V. (Tickaboo V.)
 (A) Northern Part
 (B) Southern Part
- 170. Penoyer V. (Sand Spring V.)
 171. Coal V.

- 170. Coal V.
 171. Coal V.
 172. Garden V.
 173. Railroad V.
 (A) Southern Part
 (B) Northern Part

- (B) Nort 174. Jakes V. 175. Long V. 176. Ruby V. 177. Clover V. 178. Butte V.
- (A) Northern Part (Round V.) (B) Southern Part

- Steptoe V. Cave V. Dry Lake V. 181.
- Delamar V. Lake V.
- 184. Spring V. 185. Tippett V.
- 186.
- Antelope V. (White Pine & Elko)
 (A) Southern Part
 (B) Northern Part
- Goshute V. 188. Independence V. (Pequop V.)

11-GREAT SALT LAKE BASIN

- 189. Thousand Springs V.
 - (A) Herrill Siding—Brush Creek Area (B) Toano—Rock Spring Area (C) Rocky Butte Area (D) Montello—Crittenden Creek Area (Montello V)
- Grouse Creek V. Pilot Creek V.
- Great Salt Lake Desert 192
- 193. Deep Creek V. 194. Pleasant V. Snake V.

195.

12-ESCALANTE DESERT 197. Escalante Desert

- 13-COLORADO RIVER BASIN
- 198. Dry V. 199. Rose V.
- 200. Eagle V. 201.
- Spring V. Patterson V. Panaca V. 202
- 203. 204. Clover V
- 205. Lower Meadow Valley Wash 206. Kane Springs V. 207. White River V.
- 208. 209. Pahroc V. Pahranagat V.
- Coyote Spring V. Three Lakes V. (Southern Part)*
- 210. 211. 212.
- 212. Las Vegas V. 213. Colorado V. 214. Piute V. 215. Black Mountains Area
- Garnet V. (Dry Lake V.)* Hidden V. (North)* California Wash 218.
- 219. Muddy River Springs Area (Upper Moapa V.)220. Lower Moapa V.
- 221. 222. 223. Tule Desert Virgin River V. Gold Butte Area Greasewood Basin

*Noncontributing part of the Colorado River Basin

- 14-DEATH VALLEY BASIN
- 225. Mercury V. 226. Rock V.
- Fortymile Canyon
 (A) Jackass Flats
 (B) Buckboard Mesa
- Oasis V. Crater Flat
- 230. Amargosa Desert 231. Grapevine Canyon 232. Oriental Wash

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS ${\tt DESERT\ VALLEY}$

404901118223601. Local number, 31 N34 E22 16ABDC1.

LOCATION.--Lat 40°49'43", long 118°22'36", Hydrologic Unit 16040201, in Pershing County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water level recorder March 1999 to current year.

DATUM.--Elevation of land-surface datum is 4,210 ft. above NGVD of 1929 from topographic map. Measuring point: Top of north edge of casing, 0.0 ft above land-surface datum.

REMARKS .-- Haystack Butte well.

PERIOD OF RECORD.--1990, 1991, January 1999 to February 1999 intermittent, March 1999 to August 1999, every three hours; August 1999 to February 2000, every two hours; March 2000 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.20 ft below land-surface datum, November 11, 1990; lowest recorded, 119.68 ft below land-surface datum, July 23, September 10, 17, 2003.

| | | DEPTH B | ELOW LAND | SURFACE | (WATER L | EVEL) (FEET
DAILY ME | r), WATER
AN VALUES | YEAR OCT | OBER 2002 | TO SEPTE | MBER 2003 | |
|-----|--------|---------|-----------|---------|----------|-------------------------|------------------------|----------|-----------|----------|-----------|--------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | 119.43 | 119.45 | 119.50 | 119.55 | 119.57 | 119.60 | 119.56 | 119.56 | 119.53 | 119.56 | 119.60 | 119.61 |
| 2 | 119.42 | 119.46 | 119.49 | 119.54 | 119.60 | 119.56 | 119.59 | 119.55 | 119.53 | 119.56 | 119.60 | 119.62 |
| 3 | 119.42 | 119.45 | 119.51 | 119.55 | 119.57 | 119.57 | 119.59 | 119.56 | 119.52 | 119.56 | 119.60 | 119.61 |
| 4 | 119.43 | 119.47 | 119.51 | 119.55 | 119.58 | 119.59 | 119.58 | 119.59 | 119.53 | 119.56 | 119.59 | 119.62 |
| 5 | 119.44 | 119.47 | 119.49 | 119.57 | 119.56 | 119.59 | 119.59 | 119.55 | 119.52 | 119.55 | 119.60 | 119.61 |
| 6 | 119.43 | 119.44 | 119.49 | 119.54 | 119.58 | 119.59 | 119.59 | 119.55 | 119.52 | 119.56 | 119.60 | 119.61 |
| 7 | 119.41 | 119.43 | 119.52 | 119.54 | 119.56 | 119.59 | 119.59 | 119.56 | 119.52 | 119.57 | 119.60 | 119.61 |
| 8 | 119.42 | 119.46 | 119.50 | 119.54 | 119.57 | | 119.57 | 119.56 | 119.51 | 119.58 | 119.60 | 119.62 |
| 9 | 119.42 | 119.49 | 119.49 | 119.56 | 119.58 | 119.59 | 119.57 | 119.58 | 119.52 | 119.56 | 119.60 | 119.61 |
| 10 | 119.44 | 119.49 | 119.51 | 119.57 | 119.57 | 119.58 | 119.58 | 119.56 | 119.52 | 119.57 | 119.60 | 119.65 |
| 11 | 119.45 | 119.48 | 119.52 | 119.57 | 119.57 | 119.58 | 119.57 | 119.55 | 119.52 | 119.57 | 119.59 | 119.63 |
| 12 | 119.43 | 119.47 | 119.50 | 119.57 | 119.56 | 119.58 | 119.58 | 119.56 | 119.52 | 119.57 | 119.60 | 119.61 |
| 13 | 119.42 | 119.48 | 119.51 | 119.56 | 119.58 | 119.58 | 119.59 | 119.55 | 119.53 | 119.57 | 119.61 | 119.63 |
| 14 | 119.43 | 119.49 | 119.50 | 119.57 | 119.59 | 119.58 | 119.57 | 119.54 | 119.52 | 119.57 | 119.61 | 119.61 |
| 15 | 119.44 | 119.48 | 119.52 | 119.58 | 119.56 | 119.58 | 119.60 | 119.57 | 119.52 | 119.57 | 119.60 | 119.61 |
| 16 | 119.44 | 119.47 | 119.51 | 119.57 | 119.60 | 119.57 | 119.57 | 119.55 | 119.52 | 119.58 | 119.61 | 119.61 |
| 17 | 119.44 | 119.50 | 119.54 | 119.56 | 119.57 | | 119.57 | 119.56 | 119.53 | 119.58 | 119.60 | 119.65 |
| 18 | 119.45 | 119.49 | 119.55 | 119.56 | 119.58 | 119.59 | 119.59 | 119.57 | | 119.58 | 119.60 | 119.63 |
| 19 | 119.45 | 119.49 | 119.49 | 119.56 | 119.57 | | 119.57 | 119.55 | 119.56 | 119.58 | 119.60 | 119.62 |
| 20 | 119.44 | 119.47 | 119.52 | 119.56 | 119.59 | 119.59 | 119.56 | 119.54 | 119.57 | 119.59 | 119.61 | 119.63 |
| 21 | 119.45 | 119.48 | 119.54 | 119.58 | 119.57 | 119.58 | 119.57 | 119.54 | 119.56 | 119.58 | 119.61 | 119.63 |
| 22 | 119.45 | 119.47 | 119.53 | 119.57 | 119.57 | 119.57 | 119.57 | 119.54 | 119.55 | 119.58 | 119.61 | 119.62 |
| 23 | 119.45 | 119.49 | 119.52 | 119.57 | 119.57 | | 119.58 | 119.54 | 119.56 | 119.59 | 119.61 | 119.62 |
| 24 | 119.44 | 119.51 | 119.54 | 119.57 | 119.59 | 119.59 | 119.57 | 119.54 | 119.58 | 119.59 | 119.61 | 119.64 |
| 25 | 119.45 | 119.50 | 119.54 | 119.58 | 119.58 | 119.58 | 119.57 | 119.55 | 119.57 | 119.59 | 119.61 | 119.63 |
| 26 | 119.46 | 119.48 | 119.54 | 119.56 | 119.57 | 119.58 | 119.58 | 119.56 | 119.55 | 119.59 | 119.61 | 119.63 |
| 27 | 119.47 | 119.50 | 119.53 | 119.57 | 119.60 | 119.59 | 119.56 | 119.54 | 119.55 | 119.59 | 119.60 | 119.63 |
| 28 | 119.45 | 119.49 | 119.51 | 119.58 | 119.58 | 119.59 | 119.57 | 119.54 | 119.55 | 119.58 | 119.61 | 119.62 |
| 29 | 119.46 | 119.49 | 119.57 | 119.58 | | 119.58 | 119.58 | 119.53 | 119.56 | 119.59 | 119.62 | 119.64 |
| 30 | 119.47 | 119.49 | 119.53 | 119.58 | | 119.56 | 119.57 | 119.54 | 119.56 | 119.59 | 119.62 | 119.64 |
| 31 | 119.47 | | 119.57 | 119.55 | | 119.54 | | 119.53 | | 119.60 | 119.61 | |
| MAX | 119.47 | 119.51 | 119.57 | 119.58 | 119.60 | 119.61 | 119.60 | 119.59 | | 119.60 | 119.62 | 119.65 |
| MIN | 119.41 | 119.43 | 119.49 | 119.54 | 119.56 | 119.54 | 119.56 | 119.53 | | 119.55 | 119.59 | 119.61 |
| | | | | | | | | | | | | |

WTR YR 2003 HIGH 119.37 OCTOBER 7,9 LOW 119.68 JULY 23, SEPTEMBER 10,17

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

PARADISE VALLEY

412910117321001. Local number, 69 N42 E39 25CAC1.

LOCATION.--Lat 41°29'10", long 117°32'10", Hydrologic Unit 16040109, in Humboldt County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder since June 1987, hourly.

DATUM.--Elevation of land-surface datum is 4,523 ft above NGVD of 1929, from topographic map. Measuring point: Angle iron 5.03 ft below land-surface datum.

REMARKS .-- In Paradise Valley.

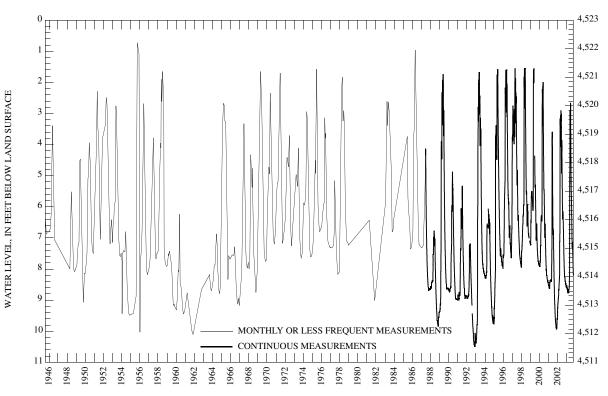
PERIOD OF RECORD.--1945, (unpublished and available in the files of the U. S. Geological Survey); 1946 through 1974, monthly; 1975, monthly (unpublished and available in the files of the U. S. Geological Survey); 1976 to 1987, monthly; 1987 to current year, hourly.

REVISED RECORDS .-- WDR-NV-86-1: 1984-85.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.80 ft below land-surface datum, September 23, 1955; lowest measured, 11.03 ft below land-surface datum, November 16, 1961.

| | | DEPTH BEL | OW LAND | SURFACE | (WATER LEVI | EL) (FEET), | WATER | YEAR OCTOB | ER 2002 | TO SEPTEMB | ER 2003 | |
|-----|------|-----------|---------|---------|-------------|-------------|--------|------------|---------|------------|---------|------|
| | | | | | | DAILY MEAN | VALUES | | | | | |
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 5 | 8.09 | 8.39 | 8.52 | 8.59 | 8.69 | 8.77 | 8.67 | 5.68 | 4.57 | 5.37 | 6.84 | 7.45 |
| 10 | 8.17 | 8.39 | 8.53 | 8.60 | 8.72 | 8.72 | 8.64 | 4.97 | 2.77 | 5.58 | 7.12 | 7.59 |
| 15 | 8.24 | 8.43 | 8.56 | 8.58 | 8.74 | 8.75 | 8.59 | 4.17 | 3.25 | 5.70 | 7.30 | 7.75 |
| 20 | 8.29 | 8.46 | 8.57 | 8.62 | 8.76 | 8.75 | 8.52 | 3.03 | 3.91 | 5.94 | 7.27 | 7.89 |
| 25 | 8.32 | 8.47 | 8.59 | 8.64 | 8.78 | 8.73 | 8.43 | 3.62 | 4.47 | 6.22 | 7.14 | 8.05 |
| EOM | 8.36 | 8.50 | 8.53 | 8.66 | 8.77 | 8.68 | 7.88 | 4.24 | 5.02 | 6.58 | 7.27 | 8.18 |

WTR YR 2003 HIGH 2.64 JUNE 11 LOW 8.78 FEBRUARY 23-27 AND MARCH 1-3, 6



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

STEPTOE VALLEY

393310114475001. Local number, 179 N20 E64 32C2

LOCATION.--Lat 39°33'10" long 114°47'50", Hydrologic Unit 16060008, in White Pine County.

Owner: U. S. Geological Survey.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder August 1983 April 1998, hourly; January 1999 to January 2001, four times per hour; February 2001 to current year, hourly.

DATUM.--Elevation of land-surface datum is 6,037 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum or arrow on gage floor, 3.86 ft above land-surface datum.

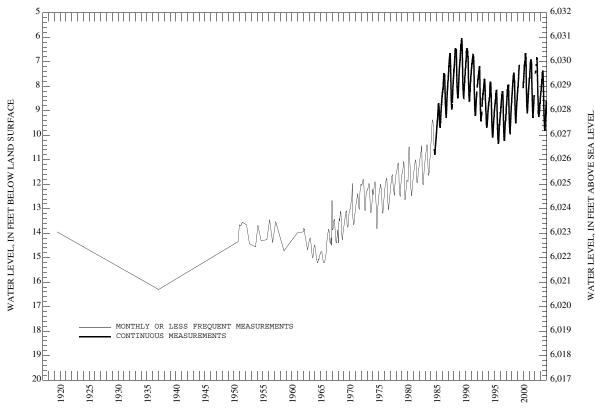
REMARKS .-- In Steptoe Valley.

PERIOD OF RECORD.--1918, 1936, 1949 (unpublished and available in the files of the U.S. Geological Survey); 1950 through 1957, semiannually; 1959, yearly; January 1961 through September 1983, monthly; October 1983 to April 1998, hourly; May to December 1998, intermittent; January 1999 to January 2001, four times per hour; February 2001 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.03 ft below land-surface datum, May 5, 1988; lowest measured, 16.30 ft below land-surface datum, January 2, 1936.

| | | DEPTH BEI | LOW LAND | SURFACE | (WATER LEVI | EL) (FEET),
DAILY MEAN | | YEAR OCTOBE | R 2002 | TO SEPTEM | BER 2003 | |
|-----|------|-----------|----------|---------|-------------|---------------------------|------|-------------|--------|-----------|----------|-------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 5 | 9.56 | 9.10 | 8.80 | 8.58 | 8.41 | 8.21 | 8.04 | 7.85 | 8.01 | 9.03 | 9.85 | 10.22 |
| 10 | 9.46 | 9.05 | 8.76 | 8.53 | 8.35 | 8.20 | 8.01 | 7.74 | 8.20 | 9.21 | 9.95 | 10.24 |
| 15 | 9.38 | 8.99 | 8.72 | 8.52 | 8.33 | 8.15 | 7.98 | 7.59 | 8.36 | 9.37 | 10.04 | 10.24 |
| 20 | 9.30 | 8.94 | 8.70 | 8.48 | 8.29 | 8.13 | 7.96 | 7.59 | 8.54 | 9.53 | 10.11 | 10.20 |
| 25 | 9.24 | 8.89 | 8.67 | 8.46 | 8.26 | 8.10 | 7.90 | 7.63 | 8.70 | 9.65 | 10.15 | 10.15 |
| EOM | 9.15 | 8.85 | 8.63 | 8.43 | 8.25 | 8.07 | 7.87 | 7.81 | 8.85 | 9.77 | 10.19 | 10.09 |
| | | | | | | | | | | | | |

WTR YR 2003 HIGH 7.57 MAY 17-18 LOW 10.25 SEP 9-14



WATER YEAR

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

County codes--001, Churchill; 003, Clark; 023, Nye; 027, Pershing; 031, Washoe.

Depths, perforated interval, and elevation--Depths are referenced to land-surface datum (LSD). Elevation is that of LSD, with reference to sea level. Water Level Status--Z, Other.

Water Level Method--S, steel tape; T, electric tape; V, calibrated electric tape.

Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey.

Locations of following sites are shown in figures 30, 33, 40, and 41.

| | Fir
Avail | able | | | | orated
al (feet) | | Water | Level (B | elow Land Surfac | ce) |
|---------------------|----------------------------------|------|----------------|---------------|------|---------------------|--|------------|----------|------------------|---------------------|
| Local Well No | Wa
Lev
Site Identification | | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status Method | Reporting
Agency |
| 097 N28 E20 31BACD1 | 401528119470501 09/26/ | 1988 | 031 | 330. | 317. | 330. | 4178. | 10/21/2002 | 251.06 | S | USGS |
| | | | | | | | | 11/25/2002 | 251.15 | S | USGS |
| | | | | | | | | 01/06/2003 | 251.15 | S | USGS |
| | | | | | | | | 02/18/2003 | 251.34 | S | USGS |
| | | | | | | | | 04/11/2003 | 251.13 | S | USGS |
| | | | | | | | | 05/19/2003 | 251.17 | S | USGS |
| | | | | | | | | 06/30/2003 | 251.16 | S | USGS |
| | | | | | | | | 08/12/2003 | 251.14 | S | USGS |
| | | | | | | | | 09/22/2003 | 251.20 | S | USGS |
| 01 N19 E29 03CCDA1 | 393205118431501 09/06/ | 2001 | 001 | 545. | 528. | 538. | 3935. | 10/17/2002 | 26.3 | T | USGS |
| | | | | | | | | 01/29/2003 | 23.8 | T | USGS |
| | | | | | | | | 02/26/2003 | 23.5 | T | USGS |
| | | | | | | | | 04/03/2003 | 23.6 | T | USGS |
| | | | | | | | | 07/22/2003 | 26.4 | T | USGS |
| | | | | | | | | 08/27/2003 | 26.7 | T | USGS |
| 01 N19 E29 03CCDA2 | 393205118431502 09/06/ | 2001 | 001 | 463. | 438. | 458. | 3935. | 10/17/2002 | 27.9 | T | USGS |
| | | | | | | | | 01/29/2003 | 25.7 | T | USGS |
| | | | | | | | | 02/26/2003 | 25.4 | T | USGS |
| | | | | | | | | 04/03/2003 | 25.7 | T | USGS |
| | | | | | | | | 07/22/2003 | 27.7 | T | USGS |
| | | | | | | | | 08/27/2003 | 28.0 | T | USGS |
| 01 N19 E29 03CCDA3 | 393205118431503 09/06/ | 2001 | 001 | 318. | 288. | 308. | 3935. | 10/17/2002 | 26.3 | T | USGS |
| | | | | | | | | 01/29/2003 | 23.9 | T | USGS |
| | | | | | | | | 02/26/2003 | 23.6 | T | USGS |
| | | | | | | | | 04/03/2003 | 23.7 | T | USGS |
| | | | | | | | | 07/22/2003 | 26.4 | T | USGS |
| | | | | | | | | 08/27/2003 | 26.6 | T | USGS |
| 01 N19 E29 21ABDD1 | 393003118434601 09/06/ | 2002 | 001 | 880. | 840. | 870. | 3944. | 10/17/2002 | 39.9 | T | USGS |
| | | | | | | | | 01/29/2003 | 37.3 | T | USGS |
| | | | | | | | | 02/26/2003 | 37.0 | T | USGS |
| | | | | | | | | 04/01/2003 | 37.3 | T | USGS |
| | | | | | | | | 07/22/2003 | 40.2 | T | USGS |
| | | | | | | | | 08/27/2003 | 40.4 | T | USGS |
| 01 N19 E29 21ABDD2 | 393003118434602 09/06/ | 2002 | 001 | 780. | 750. | 770. | 3944. | 10/17/2002 | 38.5 | T | USGS |
| | | | | | | | | 01/29/2003 | 39.0 | T | USGS |
| | | | | | | | | 02/26/2003 | 35.7 | T | USGS |
| | | | | | | | | 04/01/2003 | 36.0 | T | USGS |
| | | | | | | | | 07/22/2003 | 38.9 | T | USGS |
| | | | | | | | | 08/27/2003 | 39.2 | T | USGS |
| 01 N19 E29 21ABDD3 | 393003118434603 09/06/ | 2002 | 001 | 595. | 570. | 585. | 3944. | 10/17/2002 | 38.1 | T | USGS |
| | | | | | | | | 01/29/2003 | 35.5 | T | USGS |
| | | | | | | | | 02/26/2003 | 35.2 | T | USGS |
| | | | | | | | | 04/01/2003 | 35.6 | T | USGS |
| | | | | | | | | 07/22/2003 | 38.5 | T | USGS |
| | | | | | | | | 08/27/2003 | 38.7 | T | USGS |
| 01 N19 E29 32BDDB1 | 392810118451501 08/29/ | 2001 | 001 | 755. | 740. | 750. | 3955. | 10/17/2002 | 45.6 | T | USGS |
| | | | | | | | | 01/29/2003 | 43.0 | T | USGS |
| | | | | | | | | 02/26/2003 | 42.7 | T
_ | USGS |
| | | | | | | | | 04/01/2003 | 43.0 | T | USGS |
| | | | | | | | | 07/22/2003 | 45.8 | T | USGS |
| | | | | | | | | 08/27/2003 | 46.1 | T | USGS |
| | | | | | | | | | | | |

| | | First | | | | orated
al (feet) | | Water | Level (B | elow Land Sur | face) |
|---------------------|---------------------|-----------------------------|----------------|---------------|-------|---------------------|--|--------------------------|------------------|---------------|---------------------|
| Local Well No | Site Identification | Available
Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status Metho | Reporting od Agency |
| 101 N19 E29 32BDDB2 | 392810118451502 | 08/29/2001 | 001 | 725. | 710. | 720. | 3955. | 10/17/2002 | 44.2 | T | USGS |
| | | | | | | | | 01/29/2003 | 41.6 | T | USGS |
| | | | | | | | | 02/26/2003 | 41.3 | T | USGS |
| | | | | | | | | 04/01/2003 | 41.6 | T | USGS |
| | | | | | | | | 07/22/2003 | 44.5 | T | USGS |
| | | | | | | | | 08/27/2003 | 44.8 | T | USGS |
| 101 N19 E29 32BDDB3 | 392810118451503 | 08/29/2001 | 001 | 583. | 568. | 578. | 3955. | 10/17/2002 | 44.2 | T | USGS |
| | | | | | | | | 01/29/2003 | 41.5 | T | USGS |
| | | | | | | | | 02/26/2003 | 41.3 | T | USGS |
| | | | | | | | | 04/01/2003 | 41.6 | T | USGS |
| | | | | | | | | 07/22/2003 | 44.5 | T
T | USGS |
| 101 N20 E20 22CCDD1 | 202206119442101 | 02/12/2002 | 001 | 463. | 122 | 162 | 3940. | 08/27/2003 | 44.8
29.7 | T | USGS
USGS |
| 101 N20 E29 33CCBB1 | 393306118443101 | 03/13/2002 | 001 | 463. | 433. | 463. | 3940. | 10/17/2002 | 29.7
27.4 | T | USGS |
| | | | | | | | | 01/29/2003
02/26/2003 | 27.4 | T | USGS |
| | | | | | | | | 04/01/2003 | 27.0 | T | USGS |
| | | | | | | | | 06/23/2003 | 28.4 | T | USGS |
| | | | | | | | | 07/22/2003 | 29.5 | T | USGS |
| | | | | | | | | 08/27/2003 | 29.9 | T | USGS |
| 101 N20 E29 33CCBB2 | 393306118443102 | 03/13/2002 | 001 | 405. | 395. | 405. | 3940. | 10/17/2002 | 29.8 | T | USGS |
| 101 N20 E27 33CCBB2 | 373300110443102 | 03/13/2002 | 001 | 405. | 373. | 403. | 3740. | 01/29/2003 | 27.5 | T | USGS |
| | | | | | | | | 02/26/2003 | 27.2 | T | USGS |
| | | | | | | | | 04/01/2003 | 27.3 | T | USGS |
| | | | | | | | | 06/23/2003 | 28.4 | T | USGS |
| | | | | | | | | 07/22/2003 | 29.9 | T | USGS |
| | | | | | | | | 08/27/2003 | 30.1 | T | USGS |
| 101 N20 E29 33CCBB3 | 393306118443103 | 03/13/2002 | 001 | 280. | 260. | 280. | 3940. | 10/17/2002 | 19.6 | T | USGS |
| | | | | | | | | 01/29/2003 | 17.9 | T | USGS |
| | | | | | | | | 02/26/2003 | 17.6 | T | USGS |
| | | | | | | | | 04/01/2003 | 17.4 | T | USGS |
| | | | | | | | | 06/23/2003 | 17.6 | T | USGS |
| | | | | | | | | 07/22/2003 | 18.8 | T | USGS |
| | | | | | | | | 08/27/2003 | 19.4 | T | USGS |
| 101 N20 E29 33CCBB4 | 393306118443104 | 03/13/2002 | 001 | 81. | 61. | 81. | 3940. | 10/17/2002 | 11.9 | T | USGS |
| | | | | | | | | 01/29/2003 | 11.2 | T | USGS |
| | | | | | | | | 02/26/2003 | 11.2 | T | USGS |
| | | | | | | | | 04/01/2003 | 11.2 | T | USGS |
| | | | | | | | | 06/23/2003 | 10.9 | T | USGS |
| | | | | | | | | 07/22/2003 | 11.8 | T | USGS |
| | | | | | | | | 08/27/2003 | 11.9 | T | USGS |
| 128 N18 E34 28CCD 1 | 392323118095001 | 04/18/1976 | 001 | 475. | 265. | 405. | 4100. | 10/28/2002 | 210.73 | S | USGS |
| | | | | | | | | 12/02/2002 | 210.85 | S | USGS |
| | | | | | | | | 01/15/2003 | 211.16 | S | USGS |
| | | | | | | | | 02/24/2003 | 210.79 | S | USGS |
| | | | | | | | | 03/31/2003
05/12/2003 | 210.9 | S | USGS |
| | | | | | | | | 03/12/2003 | 210.91 | S
S | USGS
USGS |
| | | | | | | | | 08/06/2003 | 210.84
210.84 | S | USGS |
| | | | | | | | | 09/15/2003 | 210.86 | S | USGS |
| 159 S09 E52 12 1 | 371019116072101 | 01/23/2003 | 023 | 6883 | 2064 | 6883. | 4705.3 | 01/23/2003 | 397.7 | Z V | USGS |
| 137 307 L32 12 1 | 3/101/1100/2101 | 01/23/2003 | 023 | 0005. | 2704. | 0005. | 7705.5 | 01/27/2003 | 343.9 | Z V | USGS |
| | | | | | | | | 03/03/2003 | 214.7 | V | USGS |
| | | | | | | | | 03/10/2003 | 205.4 | V | USGS |
| | | | | | | | | 04/10/2003 | 252.2 | V | USGS |
| 212 S20 E61 04CDDD1 | 361346115095501 | 06/16/1965 | 003 | 300. | 115. | 270. | 2107. | 10/01/2002 | 99.7 | v
T | NV003 |
| | | 55, 10, 1703 | 303 | 200. | 115. | 2,0. | 2107. | 10/08/2002 | 99.8 | T | NV003 |
| | | | | | | | | 10/14/2002 | 99.8 | T | NV003 |
| | | | | | | | | 10/21/2002 | 99.9 | T | NV003 |
| | | | | | | | | 10/28/2002 | 99.93 | S | NV003 |
| | | | | | | | | 11/04/2002 | 100.01 | S | NV003 |
| | | | | | | | | 11/12/2002 | 99.8 | T | NV003 |
| | | | | | | | | 11,12,2002 | | - | 14 4 003 |

| | | First | | | | orated
al (feet) | | Water | Level (B | elow Land Surfa | ce) |
|---------------------|---------------------|-----------------------------|----------------|---------------|-------|---------------------|--|--------------------------|----------------|-----------------|---------------------|
| Local Well No | Site Identification | Available
Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status Method | Reporting
Agency |
| 212 S20 E61 04CDDD1 | 361346115095501 | 06/16/1965 | 003 | 300. | 115. | 270. | 2107. | 11/25/2002 | 99.1 | T | NV003 |
| | | | | | | | | 12/02/2002 | 98.9 | T | NV003 |
| | | | | | | | | 12/09/2002 | 98.68 | S | NV003 |
| | | | | | | | | 12/16/2002 | 98.13 | S | NV003 |
| | | | | | | | | 12/23/2002 | 97.8 | T | NV003 |
| | | | | | | | | 12/30/2002
01/08/2003 | 97.70
97.5 | S
T | NV003
NV003 |
| | | | | | | | | 01/08/2003 | 97.3
97.2 | T | NV003 |
| | | | | | | | | 01/21/2003 | 97.0 | T | NV003 |
| 212 S20 E61 20CC 2 | 361124115105801 | 04/23/1953 | 003 | 210. | 70. | 210. | 2115. | 10/01/2002 | 32.16 | S | NV003 |
| | | | | | | | | 10/08/2002 | 32.1 | T | NV003 |
| | | | | | | | | 10/14/2002 | 31.9 | T | NV003 |
| | | | | | | | | 10/21/2002 | 31.6 | T | NV003 |
| | | | | | | | | 10/28/2002 | 31.21 | S | NV003 |
| | | | | | | | | 11/04/2002 | 30.67 | S | NV003 |
| | | | | | | | | 11/12/2002 | 30.4 | T | NV003 |
| | | | | | | | | 11/20/2002 | 30.1 | T | NV003 |
| | | | | | | | | 11/25/2002 | 29.8 | T | NV003 |
| | | | | | | | | 12/02/2002 | 29.5 | T | NV003 |
| | | | | | | | | 12/09/2002 | 29.46 | S | NV003 |
| | | | | | | | | 12/16/2002
12/23/2002 | 28.85
28.6 | S
T | NV003
NV003 |
| | | | | | | | | 12/23/2002 | 28.20 | S | NV003 |
| | | | | | | | | 01/08/2003 | 28.1 | T | NV003 |
| | | | | | | | | 01/14/2003 | 27.9 | T | NV003 |
| | | | | | | | | 01/21/2003 | 27.7 | T | NV003 |
| 212 S20 E62 07DAAC1 | 361324115045201 | 08/04/1962 | 003 | 315. | 50. | 315. | 1873. | 10/01/2002 | 79.6 | T | NV003 |
| | | | | | | | | 10/08/2002 | 79.3 | T | NV003 |
| | | | | | | | | 10/14/2002 | 79.2 | T | NV003 |
| | | | | | | | | 10/21/2002 | 78.9 | T | NV003 |
| | | | | | | | | 10/28/2002 | 78.91 | S | NV003 |
| | | | | | | | | 11/04/2002 | 78.77 | S | NV003 |
| | | | | | | | | 11/12/2002 | 79.0 | T | NV003 |
| | | | | | | | | 11/20/2002 | 78.8 | T | NV003 |
| | | | | | | | | 11/25/2002 | 78.7 | T | NV003 |
| | | | | | | | | 12/02/2002 | 78.6 | T | NV003
NV003 |
| | | | | | | | | 12/09/2002
12/16/2002 | 78.56
77.75 | S
S | NV003 |
| | | | | | | | | 12/23/2002 | 78.3 | T | NV003 |
| | | | | | | | | 12/30/2002 | 78.31 | S | NV003 |
| | | | | | | | | 01/08/2003 | 78.2 | T | NV003 |
| | | | | | | | | 01/14/2003 | 78.1 | T | NV003 |
| | | | | | | | | 01/21/2003 | 78.1 | T | NV003 |
| 212 S20 E62 21CAB 1 | 361131115031601 | 06/12/1956 | 003 | 357 | 80.00 |) | 1782. | 10/01/2002 | 45.76 | S | NV003 |
| | | | | | | | | 10/08/2002 | 45.68 | S | NV003 |
| | | | | | | | | 10/14/2002 | 45.75 | S | NV003 |
| | | | | | | | | 10/21/2002 | 45.53 | S | NV003 |
| | | | | | | | | 10/28/2002 | 45.1 | S | NV003 |
| | | | | | | | | 11/04/2002 | 45.01 | S | NV003 |
| | | | | | | | | 11/12/2002 | 44.88 | S | NV003 |
| | | | | | | | | 11/20/2002
11/25/2002 | 44.64
44.35 | S
S | NV003
NV003 |
| | | | | | | | | 12/02/2002 | 44.39 | S | NV003 |
| | | | | | | | | 12/02/2002 | 44.00 | S | NV003 |
| | | | | | | | | 12/16/2002 | 43.61 | S | NV003 |
| | | | | | | | | 12/23/2002 | 43.44 | S | NV003 |
| | | | | | | | | 12/30/2002 | 43.27 | S | NV003 |
| | | | | | | | | 01/08/2003 | 43.26 | S | NV003 |
| | | | | | | | | | | | |
| | | | | | | | | 01/14/2003
01/21/2003 | 43.14
43.04 | S
S | NV003
NV003 |

| | | First | | | | orated
ral (feet) | | Water | Level (B | elow Land Surfac | ce) |
|---------------------|---------------------|--------------------|--------|-------|------|----------------------|--------------------------|------------|----------|------------------|-----------|
| | | Available
Water | County | Well | | | Elevation
(Feet Above | | | | Reporting |
| Local Well No | Site Identification | Level | Code | Depth | Top | Bottom | Sea Level) | Date | Feet | Status Method | Agency |
| 230 025N004E21M002S | 361724116324202 | 10/31/1986 | 027 | 440. | 430. | 440. | 2703.2 | 10/25/2002 | 374.70 | S | USGS |
| | | | | | | | | 11/06/2002 | 374.90 | S | USGS |
| | | | | | | | | 12/13/2002 | 374.90 | S | USGS |
| | | | | | | | | 01/28/2003 | 374.90 | S | USGS |
| | | | | | | | | 02/26/2003 | 374.70 | S | USGS |
| | | | | | | | | 03/12/2003 | 374.80 | S | USGS |
| | | | | | | | | 04/23/2003 | 374.80 | S | USGS |
| | | | | | | | | 05/20/2003 | 374.90 | S | USGS |
| | | | | | | | | 06/12/2003 | 374.70 | S | USGS |
| | | | | | | | | 07/22/2003 | 374.70 | S | USGS |
| | | | | | | | | 08/19/2003 | 374.80 | S | USGS |
| | | | | | | | | 09/15/2003 | 374.80 | S | USGS |
| 230 026N005E05E002S | 362525116274302 | 08/01/1986 | 027 | 23. | 20. | 23. | 2190.9 | 10/24/2002 | 29.90 | S | USGS |
| | | | | | | | | 11/07/2002 | 29.69 | S | USGS |
| | | | | | | | | 12/04/2002 | 29.32 | S | USGS |
| | | | | | | | | 01/16/2003 | 28.93 | S | USGS |
| | | | | | | | | 02/24/2003 | 29.68 | S | USGS |
| | | | | | | | | 03/07/2003 | 28.62 | S | USGS |
| | | | | | | | | 04/03/2003 | 28.45 | S | USGS |
| | | | | | | | | 05/20/2003 | 28.25 | S | USGS |
| | | | | | | | | 06/16/2003 | 28.68 | S | USGS |
| | | | | | | | | 07/22/2003 | 29.49 | S | USGS |
| | | | | | | | | 08/12/2003 | 29.94 | S | USGS |
| | | | | | | | | 09/29/2003 | 30.49 | S | USGS |
| 230 S14 E47 32DA 2 | 364141116351402 | 08/03/1986 | 023 | 320. | 317. | 320. | 2627.9 | 10/24/2002 | 269.90 | S | USGS |
| | | | | | | | | 11/12/2002 | 269.93 | S | USGS |
| | | | | | | | | 12/09/2002 | 269.93 | S | USGS |
| | | | | | | | | 01/28/2003 | 269.92 | S | USGS |
| | | | | | | | | 02/07/2003 | 269.92 | S | USGS |
| | | | | | | | | 03/07/2003 | 269.86 | S | USGS |
| | | | | | | | | 04/23/2003 | 269.86 | S | USGS |
| | | | | | | | | 05/27/2003 | 269.94 | S | USGS |
| | | | | | | | | 06/27/2003 | 269.95 | S | USGS |
| | | | | | | | | 07/28/2003 | 269.95 | S | USGS |
| | | | | | | | | 08/12/2003 | 269.90 | S | USGS |
| | | | | | | | | 09/25/2003 | 269.95 | S | USGS |
| 230 S19 E50 01BBD 2 | 361954116181202 | 10/29/1986 | 023 | 160. | 157. | 160. | 2351.3 | 10/11/2002 | 80.97 | S | USGS |
| | | | | | | | | 11/06/2002 | 81.05 | S | USGS |
| | | | | | | | | 12/13/2002 | 81.03 | S | USGS |
| | | | | | | | | 01/16/2003 | 81.09 | S | USGS |
| | | | | | | | | 02/06/2003 | 81.02 | S | USGS |
| | | | | | | | | 03/27/2003 | 80.88 | S | USGS |
| | | | | | | | | 04/04/2003 | 80.88 | S | USGS |
| | | | | | | | | 05/20/2003 | 80.87 | S | USGS |
| | | | | | | | | 06/12/2003 | 80.84 | S | USGS |
| | | | | | | | | 07/22/2003 | 80.84 | S | USGS |
| | | | | | | | | 08/12/2003 | 80.82 | S | USGS |
| | | | | | | | | 09/15/2003 | 80.78 | S | USGS |

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

County code--001, Churchill; 003, Clark; 007, Elko; 009, Esmeralda; 011, Eureka; 015, Lander; 019, Lyon; 021, Mineral; 023, Nye; 027, Pershing;

031, Washoe; 033, White Pine.

Independent City code: 510, Carson City.

Depths, perforated interval, and elevation--Depths are referenced to land-surface datum (LSD). Elevation is that of LSD, with reference to sea level.

Water Level--Levels above LSD are listed as negative values.

Water Level Status--D, site was dry (no water level was recorded); F, site was flowing. Water level or head could not be measured without additional equipment;

O, obstruction was encountered in the well (no water level was recorded); P, site was being pumped; R, site had been pumped recently;

S, site that taps the same aquifer was being pumped; T, nearby site that taps the same aquifer had been pumped recently;

V, foreign substance was present on the surface of the water; X, water level was affected by stage in nearby surface-water site; Z, other.

Water Level Method--C, calibrated airline; R, reported; S, steel tape; T, electric tape; V, calibrated electric tape.

Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey.

Locations of following sites are shown in figures 30, 32, 35, 39, 40, and 41.

| | First | | | | Perfo
Interva | | | Water | Level (B | elow Land Surf | ace) |
|-----------------------|---------------------|-----------------------------|----------------|---------------|------------------|--------|--|------------|----------|----------------|-----------------------|
| Local Well No | Site Identification | Available
Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status Method | Reporting
d Agency |
| (B-16-21)05bbb 1 | 344828114321001 | 10/24/2002 | 015 | 17.92 | 7.92 | 17.92 | 457.08 | 10/24/2002 | 6.57 | S | USGS |
| 001 N47 E30 15CDCD1 | 415800118370001 | | 013 | 200. | | | 4380. | 03/21/2003 | 54.88 | S | NV003 |
| 002 N45 E28 10CAB 1 | 415000118440001 | | 013 | 48. | | | 4228. | 03/21/2003 | 6.32 | S | NV003 |
| 027 N42 E26 20ADBA1 | 413243119014601 | | 013 | 300. | | | 5965. | 10/22/2002 | 93.92 | S | USGS |
| 030B N43 E34 28DBBB1 | 413412118100201 | | 013 | 200. | | | 4125. | 03/17/2003 | 14.99 | S | NV003 |
| 033A N42 E37 32AAAC1 | 412854117495001 | | 013 | 250. | 150. | 250. | 4200. | 04/01/2003 | 1, | P | USGS |
| 045 N33 E58 19ADDD1 | 404350115281001 | | 007 | 16. | 100. | 200. | 5950. | 04/11/2003 | 16.43 | S | USGS |
| 045 N34 E57 24CDDD1 | 404822115300801 | | 007 | 97. | | | 5550. | 04/11/2003 | 10.15 | F | USGS |
| 046 N31 E56 16ADDA1 | 403400115400001 | | 007 | 193. | | | 5650. | 04/11/2003 | 97.69 | S | USGS |
| 048 N33 E56 08CAAD1 | 404521115395801 | | 007 | 12. | | | 5290. | 04/11/2003 | 8.19 | S | USGS |
| 054 N29 E48 03BCDD1 | 402450116324001 | | 011 | 53. | | | 4735. | 04/11/2003 | 0.19 | F | USGS |
| 054 N29 E48 29CCCD1 | 402100116352001 | | 011 | 300. | | | 4733.
4797. | 04/16/2003 | 49.16 | S | USGS |
| | | | | 500.
52. | | | 4560. | | 49.10 | | USGS |
| 059 N31 E44 01DBDD1 | 403520117181101 | | 015 | | | | | 04/16/2003 | | D | |
| 059 N31 E45 05ABBD1 | 403539116553201 | | 015 | 6. | | | 4545. | 04/16/2003 | 10.40 | D | USGS |
| 061 N32 E45 11DACA1 | 403920116520001 | | 015 | 197. | | | 4518. | 04/16/2003 | 10.48 | S | USGS |
| 064 N33 E42 25ACAD1 | 404228117113201 | | 013 | | | | 5480. | 10/23/2002 | 443 | R | USGS |
| 064 N33 E43 18DBCB1 | 404357117103301 | | 013 | 775. | | | 5060. | 10/21/2002 | 714 | R | USGS |
| 069 N38 E39 28CDDD1 | 410806117353501 | | 013 | 256. | | | 4317. | 04/07/2003 | 34.43 | S | USGS |
| 069 N41 E40 30AABB1 | 412421117303301 | | 013 | 27. | | | 4414. | 04/02/2003 | 6.73 | S | USGS |
| 071 N33 E38 32BABB1 | 404138117441501 | 03/27/1987 | 027 | 55. | | | 4431. | 04/01/2003 | 38.46 | S | USGS |
| 081 N24 E22 31CCCC2 | 395357119333401 | 03/22/1994 | 031 | 226. | | | 3986. | 03/19/2003 | 17.83 | S | USGS |
| 081 N27 E21 09BDAC1 | 401352119380201 | 03/16/1981 | 031 | 47. | 45. | 47. | 3845. | 05/19/2003 | 14.61 | S | NV003 |
| 081 N27 E21 16ABCD1 | 401245119374401 | 03/15/1988 | 031 | 44. | 42. | 44. | 3838. | 05/19/2003 | 19.52 | S | NV003 |
| 081 N28 E21 33CCDC1 | 401443119381201 | 03/17/1987 | 031 | 60. | 58. | 60. | 3865. | 05/19/2003 | 25.13 | S | NV003 |
| 085 N20 E20 03BCCC1 | 393744119435101 | 10/13/1992 | 031 | 379. | | | 4595. | 03/19/2003 | 71.92 | S | USGS |
| 085 N20 E20 10CDAB1 | 393637119432901 | 06/16/1993 | 031 | 105. | 59. | 99. | 4492. | 03/19/2003 | 35.35 | S | USGS |
| 085 N20 E20 11BDDA1 | 393655119421901 | 11/16/1992 | 031 | 160. | 80. | 160. | 4462. | 03/19/2003 | 4.56 | S | USGS |
| 089 N16 E19 14DCCD1 | 391439119485301 | | 031 | 83. | 70. | 90. | 5030. | 03/20/2003 | 7.14 | X S | USGS |
| 089 N16 E19 15DADB1 | 391458119493801 | | 031 | 130. | 100. | 130. | 5080. | 03/20/2003 | 9.14 | R S | USGS |
| 089 N16 E19 35ACD 1 | 391233119484501 | | 510 | 76. | 52. | 72. | 5220. | 10/22/2002 | 15.55 | S | NV003 |
| 00) 1110 21) 001102 1 | 0,120011,101001 | 0,,00,1,,1 | 010 | , | J2. | , 2. | 5220. | 01/29/2003 | 6.70 | S | NV003 |
| 089 N16 E19 35ACD 2 | 391233119484502 | 07/02/1992 | 510 | 220. | | | 5240. | 10/22/2002 | 1.58 | S | NV003 |
| 00) 1110 E1) 3311CD 2 | 371233117101302 | 07/02/1//2 | 310 | 220. | | | 3210. | 01/29/2003 | 2.50 | S | NV003 |
| | | | | | | | | 04/01/2003 | 2.06 | S | NV003 |
| 089 N16 E19 35ADC 1 | 391232119483401 | 01/04/1004 | 510 | 116. | 50. | 116. | 5250. | 10/22/2002 | 35.37 | S | NV003 |
| 089 N10 E19 33ADC 1 | 391232119463401 | 01/04/1994 | 310 | 110. | 50. | 110. | 3230. | 01/29/2003 | 24.68 | S | NV003 |
| | | | | | | | | | 27.85 | S | NV003 |
| 002 4 N20 E19 02DDDD1 | 202710110550601 | 01/04/1000 | 021 | 170 | 100 | 170 | 5000 | 04/01/2003 | | | |
| 092A N20 E18 02DDDD1 | 393/18119330001 | 01/04/1990 | 031 | 170. | 100. | 170. | 5222. | 10/24/2002 | 36.93 | S | NV003 |
| | | | | | | | | 01/23/2003 | 34.25 | S | NV003 |
| | | | | | | | | 04/04/2003 | 29.50 | S | NV003 |
| | | | | | | | | 07/28/2003 | 34.15 | S | NV003 |
| 092A N21 E18 23AADD1 | 394034119554301 | 07/01/1992 | 031 | 570. | 280. | 570. | 5130. | 10/24/2002 | 202.73 | S | NV003 |
| | | | | | | | | 01/23/2003 | 198.55 | S | NV003 |
| | | | | | | | | 04/07/2003 | 199.10 | S | NV003 |
| | | | | | | | | 07/28/2003 | 218.20 | S | NV003 |
| | | | | | | | | 09/25/2003 | 223.15 | S | NV003 |
| 092A N21 E18 25CBBA1 | 393929119551001 | 07/07/2000 | 031 | 116. | 91. | 111. | 4990. | 10/24/2002 | 50.43 | S | NV003 |
| | | | | | | | | 01/23/2003 | 48.32 | S | NV003 |
| | | | | | | | | 04/04/2003 | 47.40 | S | NV003 |
| | | | | | | | | | | | |

| | | First | | Perforated Interval (feet) | | | Water | Level (B | elow Land Surfa | ice) | |
|--|---------------------|-----------------------------|----------------|----------------------------|-------|-------------|--|--------------------------|------------------|---------------|---------------------|
| Local Well No | Site Identification | Available
Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status Method | Reporting
Agency |
| 092A N21 E18 36ADDD1 | 393839119544101 | 07/28/2003 | 031 | 150. | 148. | 150. | 4968. | 10/24/2002 | 5.23 | S | NV003 |
| | | | | | | | | 04/07/2003 | 5.38 | S | NV003 |
| | 201120110770001 | | | | | | | 07/28/2003 | 5.48 | S | NV003 |
| 092A N21 E19 18BCBA1 | 394120119550901 | 07/06/1994 | 031 | 810. | | | 5041. | 10/30/2002 | 119.05 | S | NV003 |
| | | | | | | | | 04/11/2003
07/28/2003 | 95.79
125.45 | S
S | NV003
NV003 |
| 092A N21 E19 20BDCD1 | 394022119541201 | 03/31/1005 | 031 | 65. | 65. | 67. | 5025. | 10/24/2002 | 52.69 | S | NV003 |
| 0)ZA NZI LI) ZOBDODI | 374022117341201 | 03/31/17/3 | 031 | 05. | 05. | 07. | 3023. | 01/24/2003 | 52.78 | S | NV003 |
| | | | | | | | | 04/07/2003 | 52.84 | S | NV003 |
| | | | | | | | | 07/28/2003 | 53.01 | S | NV003 |
| 092A N21 E19 20DBDA1 | 394013119521001 | 04/09/1993 | 031 | 87. | 85. | 87. | 5040. | 10/24/2002 | 54.6 | S | NV003 |
| | | | | | | | | 01/24/2003 | 54.78 | S | NV003 |
| | | | | | | | | 04/07/2003 | 54.83 | S | NV003 |
| | | | | | | | | 07/28/2003 | 55.35 | S | NV003 |
| 092B N20 E19 05DAAD1 | 393737119514801 | 07/07/1993 | 031 | | | | 5020. | 10/24/2002 | 52.90 | S | NV003 |
| | | | | | | | | 01/24/2003 | 49.79 | S | NV003 |
| | | | | | | | | 04/04/2003 | 48.64 | S | NV003 |
| 002D N20 E10 00DDCD1 | 202620110520201 | 07/14/1070 | 021 | 387. | | | 5170 | 07/28/2003 | 52.63 | S
O | NV003 |
| 092B N20 E19 08DDCB1
092B N20 E19 10BCAD1 | | | 031
031 | 387. | | | 5170.
5070. | 10/24/2002
10/24/2002 | 92.53 | S | NV003
NV003 |
| 092B N20 E19 10BCAD1 | 393700119301101 | 07/02/1990 | 031 | | | | 3070. | 01/24/2003 | 86.18 | S | NV003 |
| | | | | | | | | 04/07/2003 | 85.92 | S | NV003 |
| | | | | | | | | 07/28/2003 | 00.52 | P | NV003 |
| 092B N20 E19 11BCAA1 | 393704119491801 | 07/07/1995 | 031 | | | | 5125. | 10/24/2002 | 93.90 | S | NV003 |
| | | | | | | | | 07/28/2003 | 97.15 | S | NV003 |
| 092B N21 E19 15BACD1 | 394126119502101 | 06/21/1984 | 031 | | | | 5025. | 10/24/2002 | | O | NV003 |
| 092B N21 E19 22DBAA1 | 394017119500201 | 10/06/1988 | 031 | 150. | 148. | 150. | 4919. | 10/24/2002 | 63.29 | S | NV003 |
| | | | | | | | | 01/24/2003 | 60.93 | S | NV003 |
| | | | | | | | | 04/04/2003 | 60.30 | S | NV003 |
| | | | | | | | | 07/28/2003 | 65.65 | S | NV003 |
| 092B N21 E19 24BADD1 | 394034119480401 | 07/01/1996 | 031 | | | | 4983. | 10/24/2002 | 108.58 | S | NV003 |
| | | | | | | | | 01/23/2003
01/24/2003 | 108.89
108.89 | S
S | NV003
NV003 |
| | | | | | | | | 04/04/2003 | 109.05 | S | NV003 |
| | | | | | | | | 07/28/2003 | 109.05 | S | NV003 |
| 092B N21 E19 26CCDB1 | 393907119493101 | 07/05/1989 | 031 | 62. | 60. | 62. | 4919. | 10/24/2002 | 56.65 | S | NV003 |
| | | | | | | | | 01/24/2003 | 54.10 | S | NV003 |
| | | | | | | | | 04/04/2003 | 53.04 | S | NV003 |
| | | | | | | | | 07/28/2003 | 57.35 | S | NV003 |
| 092B N21 E19 28CBCC1 | 393921119515001 | 04/08/1994 | 031 | 53. | 51. | 53. | 4930. | 10/24/2002 | 21.58 | S | NV003 |
| | | | | | | | | 01/24/2003 | 19.76 | S | NV003 |
| | | | | | | | | 04/04/2003 | 18.82 | S | NV003 |
| 0000 1104 540 000 1 004 | 202020110520501 | 0440=4400 | 024 | 0.4 | | 0.4 | | 07/28/2003 | 22.47 | S | NV003 |
| 092B N21 E19 29DACB1 | 393920119520701 | 01/07/1992 | 031 | 84. | 82. | 84. | 5035. | 10/24/2002 | 43.84 | S | NV003 |
| | | | | | | | | 01/24/2003
04/04/2003 | 44.21
44.38 | S
S | NV003
NV003 |
| | | | | | | | | 07/28/2003 | 44.37 | S | NV003 |
| 097 N27 E19 24ADDD1 | 401138119472301 | 04/04/1989 | 031 | 180. | 168. | 180. | 4010. | 04/11/2003 | 61.72 | S | USGS |
| 101 N18 E29 30BCBD1 | 392348118464401 | | 001 | 29. | 27. | 29. | | 09/03/2003 | 3.19 | S | USGS |
| 101 N19 E28 36AABC1 | 392825118470501 | | 001 | 540. | 505. | 540. | 3962.23 | 10/30/2002 | 51.06 | S | USGS |
| 103 N15 E20 15BDBA1 | 391004119433301 | | 510 | 105. | 85. | 105. | 4620. | 10/23/2002 | 6.70 | S | NV003 |
| | | | | | | | | 01/29/2003 | 5.93 | S | NV003 |
| | | | | | | | | 04/01/2003 | 6.22 | S | NV003 |
| | | | | | | | | 07/29/2003 | 8.96 | S | NV003 |
| 103 N17 E23 10ABCD1 | 392126119230901 | | 019 | 88. | | | 4276.98 | 03/17/2003 | 61.54 | S | USGS |
| 103 N17 E23 10BABD1 | 392132119232501 | | 019 | 300. | 234. | 300. | 4285.5 | 03/17/2003 | 70.35 | S | USGS |
| 103 N17 E23 11DBAB1 | 392112119215801 | | 019 | 180. | 20.00 | 155.00 | 4288. | 03/17/2003 | 69.63 | S | USGS |
| 103 N17 E23 18DDAD1 | 391959119260601 | | 019 | 155 | | 155.00 | | 03/17/2003 | (4.22 | D | USGS |
| 103 N17 E23 26CCCC1 | 391812119224001 | | 019 | 176.
220 | 156. | 176.
220 | 4298.
4286 | 03/17/2003 | 64.23 | S
S | USGS |
| 103 N17 E23 27ABAC1 | 391857119230701 | 03/11/1981 | 019 | 220. | 180. | 220. | 4286. | 03/17/2003 | 57.51 | 3 | USGS |

${\tt GROUND\text{-}WATER\ LEVELS,\ SECONDARY\ OBSERVATION\ WELLS\text{--}Continued}$

| | Perforat
First Interval (1
Available | | | | | | Water | Level (B | elow Lar | nd Surfac | ce) | |
|--|--|--|--------------------------|------------------------------|-----------------------------|----------------------|--|--|------------------------------------|-------------|-------------|----------------------------------|
| Local Well No | Site Identification | Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status | Method | Reporting
Agency |
| 104 N15 E19 13ADDD1 | 390955119471601 | 04/01/2003 | 510 | 127. | 60. | 120. | 4800. | 10/22/2002
01/29/2003
04/01/2003 | 22.64
22.75
24.37 | | S
S
S | NV003
NV003
NV003 |
| 104 N15 E20 02CACC2 | 391125119423002 | 07/05/1994 | 510 | 39. | 37. | 39. | 4639. | 07/29/2003
10/23/2002
01/29/2003
04/01/2003 | 26.70 | F
F
F | S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 04DBDD1 | 391126119441901 | 03/05/1991 | 510 | 89. | 68. | 88. | 4682. | 07/29/2003
10/22/2002
01/29/2003 | 14.62
14.14
14.00 | F | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 04DBDD2 | 391126119441902 | 09/05/1991 | 510 | 33. | 30. | 32. | 4682. | 04/01/2003
07/29/2003
10/22/2002
01/29/2003 | 13.98
15.46
15.00 | | S
S
S | NV003
NV003
NV003 |
| 104 N15 E20 05BBCA1 | 391155119460401 | 06/04/1991 | 510 | 102. | 82. | 102. | 4737. | 04/01/2003
07/29/2003
10/22/2002
01/29/2003 | 14.88
14.82
30.90
21.19 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 05BBCA2 | 391155119460402 | 10/06/1992 | 510 | 62. | | | 4737. | 04/01/2003
07/29/2003
10/22/2002
01/29/2003 | 20.36
40.97
38.99
24.53 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 06BDBD1 | 391149119465201 | 07/11/2001 | 510 | 460. | 100. | 440. | 4750. | 04/01/2003
07/29/2003
10/22/2002
01/29/2003 | 24.49
38.58
47.54
34.56 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 07BBAB1 | 391110119470501 | 01/03/1996 | 510 | 150. | | | 4800. | 04/01/2003
07/29/2003
10/23/2002 | 32.77
49.72
87.94 | | S
S
S | NV003
NV003
NV003 |
| 104 N15 E20 16BDBB1 | 391004119444901 | 10/04/1988 | 510 | 105. | 82. | 102. | 4641. | 01/29/2003
07/29/2003
10/23/2002
01/29/2003 | 85.74
86.30
14.91
6.83 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 17CBBA1 | 390954119460401 | 01/04/1991 | 510 | 102. | 82. | 102. | 4680. | 07/29/2003
10/23/2002
01/29/2003
04/01/2003 | 14.95
10.19
2.90
5.58 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 18BDDA1 | 390958119464301 | 08/02/1990 | 510 | 102. | 82. | 102. | 4739. | 07/29/2003
10/23/2002
01/29/2003 | 7.52
14.95
6.56 | | S
S
S | NV003
NV003
NV003 |
| 104 N15 E20 29DAAB1 | 390807119450901 | 11/05/1990 | 510 | 105. | 80. | 100. | 4698. | 04/01/2003
07/29/2003
10/22/2002
01/29/2003 | 7.38
9.15
53.73
44.18 | | S
S
S | NV003
NV003
NV003
NV003 |
| 104 N15 E20 32BDAA1 | 390728119453801 | 03/05/1991 | 510 | 105. | 82. | 102. | 4720. | 04/09/2003
07/29/2003
10/22/2002 | 46.87
61.65
44.50
41.58 | | S
S
S | NV003
NV003
NV003 |
| 104 N16 E20 33CCDD1 | 391205119444901 | 09/05/1991 | 510 | 118. | 94. | 118. | 4732. | 01/29/2003
07/29/2003
10/22/2002
01/29/2003 | 47.18
42.22
41.55 | | S
S
S | NV003
NV003
NV003
NV003 |
| 107 N10 E24 08CBCA1
107 N10 E24 09BACC1 | 384426119194601
384459119174401 | | 019
019 | 504.
652. | 100.
78. | 504.
574. | 4950.
4915. | 04/01/2003
07/29/2003
02/25/2003
03/18/2003 | 41.60
41.93
126.16
161.80 | | S
S
S | NV003
NV003
NV003
USGS |
| 107 N10 E24 16ACCC1
107 N10 E24 17CCAA1
107 N10 E24 18BACD1 | 384350119172301
384326119193701
384356119203501 | 03/02/1995
03/08/1996
03/03/2000 | 019
019
019 | 486.
490.
536. | 196.
150.
198. | 486.
490.
536. | 5000.
4980.
5000. | 02/25/2003
02/25/2003
02/25/2003 | 181.50
184.40
196.20 | | S
S
S | NV003
NV003
NV003 |
| 107 N11 E23 01CCCC1
107 N11 E23 02ADDD1
107 N11 E23 02BBCC1
107 N11 E23 02CCBB1 | 385016119214801
385040119212301
385057119220701
385030119220501 | 03/02/1995
03/20/1998 | 019
019
019
019 | 128.
537.
412.
546. | 108.
147.
96.
138. | 537.
412. | 4790.
4780.
4797.
4800. | 02/24/2003
02/24/2003
02/24/2003
02/24/2003 | 29.98
56.31
42.62
69.60 | | S
S
S | NV003
NV003
NV003
NV003 |

| | | First
Available | | | | orated
al (feet) | | Water | Level (Be | elow Land Surfa | ce) |
|--|------------------------------------|--------------------|------------|--------------|-------------|---------------------|--------------------------|--------------------------|-----------------|-----------------|----------------|
| I 1377 H M | O' II 'C' ' | Water | County | Well | TD. | D | Elevation
(Feet Above | D. | Е. | Co. M. d. | Reporting |
| Local Well No | Site Identification | Level | Code | Depth | Тор | Bottom | Sea Level) | Date | Feet | Status Method | Agency |
| 107 N11 E23 03CBBC1 | 385035119240001 | 02/27/2002 | 019 | 580. | 165. | 580. | 4881. | 02/24/2003 | 147.60 | S | NV003 |
| 107 N11 E23 10ACBB1 | 385001119223901 | 03/02/1999 | 019 | 385. | 100. | 385. | 4840. | 02/24/2003 | 103.36 | S | NV003 |
| 107 N11 E23 12CBBB1 | 384949119204901 | | 019 | 585. | 230. | 585. | 4790. | 02/24/2003 | 58.30 | S | NV003 |
| 107 N11 E23 15CBAA1 | 384855119234801 | | 019 | 510. | 130. | 510. | 4820. | 02/24/2003 | 54.14 | S | NV003 |
| 107 N11 E23 23BCBB1 | 384830119220501 | | 019 | 420. | 100. | 420. | 4800. | 02/24/2003 | 57.55 | S | NV003 |
| 107 N11 E23 24DDDD1 | 384743119204901 | | 019 | 760. | 240. | 760. | 4760. | 02/24/2003 | 21.92 | S | NV003 |
| 107 N11 E24 32BBDD1 | 384637119192201 | | 019 | 580. | 100. | 580. | 4830. | 02/25/2003 | 81.52 | S | NV003 |
| 107 N11 E24 32CBAD1 | 384619119192301 | | 019 | 140. | | | 4845. | 03/18/2003 | 85.8 | T | USGS |
| 107 N12 E23 24CB 1 | 385314119205901 | | 019 | 287. | | | 4745. | 03/18/2003 | 12.01 | S | USGS |
| 107 N12 E23 34ACCC1 | 385834119322301 | | 019 | 400. | 100. | 400. | 4795. | 02/24/2003 | 59.75 | S | NV003 |
| 107 N12 E23 34BACB1 | 385205119225401 | | 019 | 423. | 100. | 423. | 4795. | 02/24/2003 | 56.13 | S | NV003 |
| 107 N12 E23 36BDBD1 | 385141119212701 | | 019 | 252. | 94. | 252. | 4766. | 02/24/2003 | 20.80 | S | NV003 |
| 107 N12 E23 36DCDC1 | 385109119210701 | | 019 | 495. | 147. | 495. | 4782. | 02/24/2003 | 68.55 | S | NV003 |
| 107 N12 E24 31BACB1 | 385201119193601 | | 019 | 540. | 270. | 534. | 4790. | 02/24/2003 | 95.54 | S | NV003 |
| 107 N12 E24 31DBBA1 | 385130119192001 | | 019 | 587. | 197. | 587. | 4810. | 02/24/2003 | 102.38 | S | NV003 |
| 107 N13 E23 27ADCD1 | 385745119230501
385838119182701 | | 019 | 400. | 260 | 200 | 4630. | 03/05/2003 | 27.32 | S
S | NV003 |
| 107 N13 E24 21BCCD1
107 N13 E24 30AACC1 | | | 019 | 280. | 260. | 280. | 4780. | 03/05/2003
03/05/2003 | 171.25
20.76 | V S | NV003
NV003 |
| | 385759119200001
385741119194701 | | 019 | 440 | 27 | 216 | 4620.
4620. | | | v s
S | |
| 107 N13 E24 30ADDD1 | | | 019
019 | 440.
400. | 27.
156. | 216. | | 03/05/2003
02/25/2003 | 18.10 | | NV003
NV003 |
| 108 N11 E25 01ABDD1
108 N11 E25 01ACCB1 | 385102119075301
385047119080401 | | 019 | 526. | 150. | 382.
520. | 4538.
4550. | 02/25/2003 | 75.63 | P
S S | NV003
NV003 |
| 108 N11 E25 01ACCB1
108 N11 E25 02CDDD1 | 385018119091101 | | 019 | 554. | 130. | 554. | 4530.
4545. | 02/25/2003 | 73.03 | s s
S | NV003
NV003 |
| 108 N11 E25 02CDDD1
108 N11 E25 10DBCD1 | 384942119100801 | | 019 | 597. | 183. | 575. | 4545.
4568. | 02/25/2003 | 96.54 | S | NV003 |
| 108 N11 E25 10DBCD1 | 385003119085201 | | 019 | 256. | 106. | 256. | 4562. | 02/25/2003 | 96.61 | S | NV003 |
| 108 N11 E25 11AACC1 | 385456119091901 | | 019 | 245. | 100. | 245. | 4436. | 02/26/2003 | 19.14 | S | NV003 |
| 108 N12 E25 12CDAA1 | 385447119075901 | | 019 | 102. | 100. | 243. | 4470. | 02/26/2003 | 59.52 | S | NV003 |
| 108 N12 E25 15DB 1 | 385410119100401 | | 019 | 310. | 42. | 310. | 4440. | 02/25/2003 | 18.88 | S | NV003 |
| 108 N12 E25 21ACA 1 | 385332119110601 | | 019 | 100. | 72. | 310. | 4460. | 03/26/2003 | 26.45 | S | NV003 |
| 108 N12 E25 23DCC 1 | 385255119090501 | | 019 | 325. | 104. | 325. | 4460. | 02/25/2003 | 16.81 | S | NV003 |
| 108 N12 E25 27DAAA1 | 385225119094801 | | 019 | 323. | 104. | 323. | 4458. | 02/25/2003 | 18.27 | S | NV003 |
| 108 N12 E25 35DCDD2 | 385109119085601 | | 019 | | | | 4510. | 02/25/2003 | 34.89 | S | NV003 |
| 108 N13 E25 01DBCC1 | 390057119080001 | | 019 | 570. | 100. | 570. | 4365. | 02/26/2003 | 19.68 | S | NV003 |
| 108 N13 E25 10CDB 1 | 390004119103001 | | 019 | 328. | 94. | 328. | 4375. | 02/27/2003 | 10.16 | S | NV003 |
| 108 N13 E25 11ACBD2 | 390026119090401 | | 019 | 435. | 120. | 432. | 4371. | 02/26/2003 | 14.85 | S | NV003 |
| 108 N13 E25 13CCCD1 | 385904119083001 | 03/10/1989 | 019 | 306. | 103. | 306. | 4380. | 02/26/2003 | 14.73 | S | NV003 |
| 108 N13 E25 13DDDD1 | 385903119073001 | 02/26/2002 | 019 | 280. | 115. | 280. | 4370. | 02/26/2003 | 17.93 | S | NV003 |
| 108 N13 E25 23DDDC1 | 385809119084401 | 03/02/2001 | 019 | 308. | 100. | 308. | 4394. | 02/26/2003 | 19.00 | S | NV003 |
| 108 N13 E25 25CDDA1 | 385722119080701 | 03/04/1997 | 019 | 45. | | | 4425. | 02/26/2003 | | O | NV003 |
| 108 N13 E25 25CDDA2 | 385717119080901 | 03/01/2000 | 019 | 106. | 86. | 106. | 4415. | 02/26/2003 | 28.66 | S | NV003 |
| 108 N13 E25 26DDCC1 | 385720119085001 | 02/26/2002 | 019 | 160. | 102. | | 4405. | 02/26/2003 | 23.22 | S | NV003 |
| 108 N13 E25 27DCCD2 | 385718119101301 | 03/02/2000 | 019 | 440. | 95. | 440. | 4410. | 02/26/2003 | 18.03 | S | NV003 |
| 108 N13 E25 36DCCA1 | 385633119074201 | 03/10/1993 | 019 | 255. | 40. | 255. | 4434. | 02/26/2003 | 47.61 | T S | NV003 |
| 108 N13 E26 02BBCC1 | 390127119030001 | 03/01/2000 | 019 | 203. | 64. | 203. | 4408. | 02/27/2003 | 88.62 | S | NV003 |
| 108 N13 E26 08CACA1 | 390011119060201 | 03/24/1981 | 019 | 130. | 50. | 120. | 4350. | 02/27/2003 | 23.55 | S | NV003 |
| 108 N13 E26 09DBCC1 | 390006119043901 | 03/01/2000 | 019 | 166. | 60. | 160. | 4380. | 02/27/2003 | 64.38 | S | NV003 |
| 108 N13 E26 31DDCD1 | 385628119063301 | 02/26/2003 | 019 | 172. | 90. | 172. | 4460. | 02/26/2003 | 77.40 | S | NV003 |
| 108 N14 E25 03DDDC2 | 390558119094702 | 11/07/1984 | 019 | 604. | 240. | 604. | 4320. | 02/27/2003 | 19.52 | S | NV003 |
| 108 N14 E25 04DACC1 | 390611119110301 | | 019 | 451. | 97. | 451. | 4320. | 02/27/2003 | 15.60 | S | NV003 |
| 108 N14 E25 08ADDC1 | 390531119115901 | | 019 | 523. | 89. | 523. | 4320. | 02/27/2003 | 20.45 | S | NV003 |
| 108 N14 E25 08DCCC1 | 390507119122801 | | 019 | 348. | 107. | 348. | 4410. | 02/27/2003 | 26.07 | S | NV003 |
| 108 N14 E25 10CCDA1 | 390509119103401 | | 019 | 460. | 448. | 460. | 4332. | 02/27/2003 | 20.75 | S | NV003 |
| 108 N14 E25 18DCBB1 | 390415119132801 | | 019 | 73. | | | 4345. | 02/27/2003 | 52.75 | S | NV003 |
| 108 N14 E25 27ACCD1 | 390225119100801 | | 019 | 320. | 91. | 320. | 4351. | 02/26/2003 | 16.85 | S | NV003 |
| 108 N14 E25 29DCBC1 | 390233119122401 | | 019 | 150. | 110. | 150. | 4390. | 02/27/2003 | 58.66 | S | NV003 |
| 108 N14 E25 34CBCA2 | 390152119104401 | | 019 | 415. | 55. | 415. | 4365. | 02/26/2003 | 23.28 | S | NV003 |
| 108 N14 E26 03DCBC1 | 390606119032901 | | 019 | 160. | 87. | 123. | 4330. | 02/27/2003 | 7.73 | S | NV003 |
| 108 N14 E26 03DCDD1 | 390601119031701 | | 019 | 160. | 87. | 123. | 4333. | 02/27/2003 | 10.85 | S | NV003 |
| 108 N14 E26 15ADBB1 | 390436119030701 | | 019 | 158. | 58. | 158. | 4328. | 02/27/2003 | 14.67 | S | NV003 |
| 108 N14 E26 26CCDD1 | 390231119024501 | | 019 | 250. | 100. | 250. | 4415. | 02/27/2003 | 93.28 | S | NV003 |
| 108 N14 E26 31DCCC2 | 390137119065402 | | 019 | 400. | 120. | 400. | 4356. | 02/26/2003 | 16.02 | S | NV003 |
| 108 N14 E26 32BCCC1 | 390201119062001 | | 019 | 120. | 40. | 120. | 4345. | 02/26/2003 | 12.72 | S | NV003 |
| 108 N14 E26 32BCCC2 | 390201119062002 | 02/28/2001 | 019 | 249. | 47. | 247. | 4345. | 02/26/2003 | 12.76 | S | NV003 |

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS--Continued

| | | First
Available | | Perforated Interval (feet) | | | | Wate | r Level (B | elow La | nd Surfac | ce) |
|--|------------------------------------|--------------------|----------------|----------------------------|--------------|----------------|--|--------------------------|----------------|---------|-----------|---------------------|
| Local Well No | Site Identification | Water
Level | County
Code | Well
Depth | Тор | Bottom | Elevation
(Feet Above
Sea Level) | Date | Feet | Status | | Reporting
Agency |
| 108 N14 E26 32BDDD1 | 390203119055101 | 03/09/1993 | 019 | 104. | 94. | 103. | 4350. | 02/26/2003 | 16.46 | | S | NV003 |
| 108 N15 E25 34ACDD1 | 390715119095901 | | 019 | 370. | 123. | 370. | 4310. | 02/27/2003 | 9.42 | | S | NV003 |
| 110C N06 E31 33BABB1 | 382031118315901 | | 021 | 86. | 2.2 | 122 | 5566. | 04/01/2003 | 02.60 | D | | USGS |
| 110C N06 E31 33BABB2 | 382033118315501 | | 021 | 126. | 32. | 132. | 5566. | 04/01/2003 | 82.68 | | S | USGS |
| 110C N08 E30 03DDA 1
110C N08 E30 04AAA 1 | 383440118365001
383525118375101 | | 021
021 | 850.
62. | 441.
60. | 696.
62. | 4125.
4056. | 04/01/2003 | 61.12
39.46 | | S
S | USGS
USGS |
| 110C N08 E30 04AAA 1
110C N08 E30 21DCD 1 | 383150118380001 | | 021 | 394. | 336. | 350. | 4036.
4261. | 04/01/2003
04/01/2003 | 214.70 | | S | USGS |
| 110C N08 E30 21DCD 1 | 383100118330001 | | 021 | 452. | 264. | 436. | 4372. | 04/01/2003 | 250.77 | | S | USGS |
| 110C N09 E30 29DDD 1 | 383624118385801 | | 021 | 20. | 18. | 20. | 4010. | 04/01/2003 | 12.84 | | S | USGS |
| 110C N09 E30 33CAA 1 | 383550118382201 | | 021 | 41. | 39. | 41. | 4039. | 04/01/2003 | 25.62 | | S | USGS |
| 117 S01 E35 21DA 1 | 374947118045801 | | 009 | 125 | | | 4890.00 | 10/23/2002 | 31.6 | | T | USGS |
| 117 S01 E35 28AC 1 | 374914118053301 | 03/03/1994 | 009 | 436 | | | 4923.00 | 10/23/2002 | | P | | USGS |
| 117 S01 E35 34CB 1 | 374811118050301 | 10/27/1995 | 009 | 263 | | | 4900.00 | 10/23/2002 | 68.5 | | T | USGS |
| 117 S02 E35 13DC 1 | 374512118022501 | 03/19/1998 | 009 | 305 | | | 4760.00 | 10/23/2002 | 14.5 | | T | USGS |
| 117 S03 E35 15CBC 1 | 374031118045801 | 10/20/1997 | 009 | 160 | | | 4920. | 10/23/2002 | | D | | USGS |
| 117 S03 E35 26CC 1 | 373824118035401 | 10/11/2001 | 009 | 412 | | | 4908.00 | 10/23/2002 | 67.8 | | T | USGS |
| 118 N03 E36 02BCBB1 | 380854117565601 | 03/28/1985 | 009 | 129. | | | 4580. | 04/02/2003 | 41.85 | | S | USGS |
| 125 N17 E34 36CCCA1 | 390234118070701 | | 001 | 288. | | | 4388. | 03/31/2003 | 256.43 | | S | USGS |
| 127 N17 E35 36ADAA1 | 391749117585101 | | 001 | 502. | | | 5250. | 03/31/2003 | 109.46 | | S | USGS |
| 133 N19 E37 28BCC 1 | 392903117495001 | | 001 | 183. | | | 5360. | 03/31/2003 | 150.08 | | S | USGS |
| 147 S08 E50 13 2 | 371453116205751 | | 023 | 3885. | 3875. | | 6841.6 | 07/23/2003 | | | T | USGS |
| 147 S08 E50 13 2 | 371453116205751 | | 023 | 3885. | 3875. | 3885. | 6841.6 | 07/24/2003 | 2192.43 | Б | T | USGS |
| 148 S01 E48 29 1 | 374910116373001 | | 023 | 390. | 100 | 200 | 5540. | 12/03/2002 | 161.70 | D | | USGS |
| 153 N20 E53 10DDDD1 | 393613115585101 | | 011 | 200.
6040. | 100.
505. | 200.
890. | 5956. | 03/17/2003 | 161.70
9.82 | | S
V | NV003 |
| 155C N08 E53 16 1
155C N08 E53 33 2 | 383320116005901
383023116012201 | | 023
023 | 6445. | | 690.
4433. | 5860.
5797. | 07/01/2003
07/01/2003 | 488.3 | | V | USGS
USGS |
| 156 N08 E51 01 1 | 383510116112900 | | 023 | 6514. | | 4433.
4747. | 5768. | 07/01/2003 | 327.6 | | V | USGS |
| 156 N10 E51 34 2 | 384044116130401 | | 023 | 6576. | 400. | 4/4/. | 6570. | 07/02/2003 | 327.0 | D | v | USGS |
| 159 S08 E53 27 0 | 371248116032101 | | 023 | 2065. | 1895 | 2863. | 4818.24 | 04/25/2003 | | D | | USGS |
| 159 S10 E54 19 3 | 370321115594203 | | 023 | 2610. | | 2620. | 4172. | 09/17/2003 | 1772.2 | D | V | USGS |
| 162 S19 E53 15DB 1 | 361753116000901 | | 023 | 395. | ٠. | 2020. | 2668. | 10/18/2002 | 111.5 | | Ť | NV003 |
| | | | | | | | | 11/14/2002 | 111.2 | | T | NV003 |
| | | | | | | | | 01/02/2003 | 110.9 | | T | NV003 |
| 162 S19 E53 27DD 1 | 361554115595501 | 02/21/1992 | 023 | 500. | | | 2640. | 10/18/2002 | 98.5 | | T | NV003 |
| | | | | | | | | 11/14/2002 | 95.9 | | T | NV003 |
| | | | | | | | | 01/02/2003 | 94.8 | | T | NV003 |
| 162 S20 E52 36BD 1 | 361012116044701 | 06/04/1987 | 023 | 253. | 25. | 125. | 2520. | 10/18/2002 | 52.0 | | T | NV003 |
| | | | | | | | | 11/14/2002 | 51.8 | | T | NV003 |
| | | | | | | | | 01/02/2003 | 51.5 | | T | NV003 |
| 162 S21 E54 10AAC 1 | 360836115531701 | 10/15/1990 | 003 | 472. | 100. | 450. | 2885. | 10/18/2002 | 72.5 | | T | NV003 |
| | | | | | | | | 11/14/2002 | 71.2 | | T | NV003 |
| 160 CO2 E52 01DA 1 | 360359115573201 | 09/06/1001 | 023 | 325. | 75. | 325. | 2580. | 01/02/2003
10/18/2002 | 70.0
85.4 | | T
T | NV003
NV003 |
| 162 S22 E53 01DA 1 | 300339113373201 | 06/00/1991 | 023 | 323. | 13. | 323. | 2300. | 11/14/2002 | 81.5 | | T | NV003 |
| | | | | | | | | 01/02/2003 | 75.7 | | T | NV003 |
| 170 S03 E54 24 1 | 374029115501901 | 10/22/1998 | 017 | 251. | | | 4885.0 | 10/22/2002 | 189.2 | | T | USGS |
| 170 S03 E54 24 2 | 374020115494101 | | 017 | 327. | | | 4860.0 | 10/22/2002 | 150.1 | | T | USGS |
| 170 S03 E55 19CC 1 | 373955115490201 | | 017 | 238. | | | 4850.00 | 10/22/2002 | 123.0 | | T | USGS |
| 170 S03 E55 28DC 1 | 373907115461701 | 10/20/1988 | 017 | 250. | 86. | 265. | 4838. | 10/22/2002 | | P | | USGS |
| 170 S03 E55 31 1 | 373817115483301 | 10/14/1993 | 017 | 250. | | | 4890.0 | 10/22/2002 | 164.6 | | T | USGS |
| 170 S03 E55 34CC 1 | 373813115454001 | 03/15/1994 | 017 | 537. | | | 4870.00 | 10/22/2002 | 107.9 | | T | USGS |
| 170 S04 E55 04DC 1 | 373721115473401 | 10/22/2002 | 017 | 415. | | | 4865. | 10/22/2002 | 167.3 | | T | USGS |
| 170 S04 E55 08AA 1 | 373708115482201 | | 017 | 250. | 186. | 250. | 4910. | 10/22/2002 | 205.5 | | T | USGS |
| 176 N31 E60 28BBBD2 | 403241115125801 | 01/16/2003 | 007 | 120. | 100. | 120. | 5978. | 10/24/2002 | 13.28 | | S | USGS |
| | | | | | | | | 01/16/2003 | 13.53 | | S | USGS |
| | | | | | | | | 05/21/2003 | 13.93 | | S | USGS |
| 176 N32 E59 25BAAA1 | 403755115155501 | 10/08/2002 | 007 | 202. | 162. | 192. | 6052. | 10/08/2002 | 6.5 | | T | USGS |
| | | | | | | | | 10/24/2002 | 6.6 | | T | USGS |
| | | | | | | | | 01/15/2003 | 6.2 | | T | USGS |
| 176 N32 E60 29CCBA1 | 403639115133001 | 04/03/1005 | 007 | 202. | | | 6000. | 05/19/2003
05/01/2003 | 5.2
14.55 | | T
S | USGS
USGS |
| 176 N32 E60 29CCBA1
176 N32 E60 29CDDA2 | | | 007 | 202.
15. | | | 6000. | 05/01/2003 | 7.08 | | S | USGS |
| 1.0 1.02 E00 E)CDDM2 | .00,00110107002 | 55, 25, 1701 | 307 | 13. | | | 5555. | 55, 51, 2005 | , .00 | | | 2200 |

| | | | First
Available | | | Perforated
Interval (feet) | | | Water | · Level (B | elow Lan | d Surfac | e) |
|--|----------------------|---------------------|--------------------|-----|-------|-------------------------------|--------|-------------|------------|------------|----------|----------|------|
| 179 NIG-64-06CHDCI 9916-341 1445900 04711/989 033 036 270 0806 0470 0370-000 072-10 0806 0806 0806 0370-000 072-10 070 0806 0806 0806 070 071 071 071 071 070 070 0806 0806 070 071 071 071 071 071 071 071 070 | Local Well No | Site Identification | Water | • | | Тор | Bottom | (Feet Above | Date | Feet | Status I | | |
| 179 N16 16-64 06CDDC1 | 179 N15 E64 07 ACCB1 | 391100114492001 | 03/11/1975 | 033 | 200 | | | 6535 | 03/18/2003 | 38.16 | | S | USGS |
| 1898 NAS 1666 SED1 41344411426701 04751998 077 | | | | | | 270. | 306. | | | | | | |
| 203 SIGLEGR SECLI 5749911114222301 100519088 1017 154 154 470000 10142000 256.4 T USGS SIGLEGR SEADABIS 174441114275201 100721998 1017 175 1450.0 470000 10142000 25.5 155 1 USGS SIGLEGR SEADABIS 174441114275201 100721998 1017 110 1007200 25.0 17 USGS SIGLEGR SEADABIS 17444111427500 103201999 1017 110 100 10142000 20.7 17 USGS SIGLEGR SEADABIS 17445114261401 030201999 1017 110 100 10142000 20.7 17 USGS SIGLEGR SEADABIS 17445114261401 030201999 1017 110 100 10142000 101442000 20.7 17 USGS SIGLEGR SEADABIS 17445114261401 030201999 1017 110 100 10142000 101442000 20.7 17 USGS SIGLEGR SEADABIS 17409114261401 030201999 1017 110 100 10142000 10144200 1014 | | | | | | | | | | | | | |
| 203 SQ12E672AD1 374509114250910 103231995 017 | 203 S01 E68 28C1 | | | 017 | 154 | | | | | 56.4 | | | |
| 203 SQ12E67 SDABBB | 203 S02 E67 24D1 | 374509114250901 | 03/23/1995 | | | | | | | | | | |
| 203 SQ1E67 3SA1 37440011420701 00201994 017 10. | | | | | | | | | | | | | |
| 203 S20 E68 08B5 374750114242010 100561987 017 18 | 203 S02 E67 35A1 | | | | 193 | | | | | | | | |
| 203 S30 EGT 22B1 374034114274601 03/12/1902 017 175 4600.00 101427002 4.7 F USGS CS 37399114290401 10/18/1988 017 118 4460.00 101427002 182.5 F USGS 209 S04 EGO 02A-BECI 373808115124001 03/14/1991 017 T 3948. 10/22/2002 182.5 T USGS 209 S04 EGO 02A-BECI 373803115124001 03/14/1991 017 T 3948. 10/22/2002 161.2 T USGS 212 S19 EGO 2DBDC1 37373115125101 03/34/1991 018 21.2 80. 240. 2350. 100/92002 151.04 S USGS USGS 212 S19 EGO 24CBC1 361655115132101 07/15/1998 003 80. 280. 248.0 1009/2002 150.4 S USGS 212 S12 EGO 15BBDC1 360739115152701 04/23/1998 003 80. 80. 248.0 1009/2002 37.0 S USGS 212 S21 EGO 33AAAD1 360924115081102 01/14/2002 03 14. 11. 1. 1. 1. 1. 1. 1. < | 203 S02 E68 08B5 | | | 017 | 110. | | | 5000. | 10/14/2002 | | | T | USGS |
| 203 S30 EGT 22B1 374034114274601 03/12/1902 017 175 4600.00 101427002 4.7 F USGS CS 37399114290401 10/18/1988 017 118 4460.00 101427002 182.5 F USGS 209 S04 EGO 02A-BECI 373808115124001 03/14/1991 017 T 3948. 10/22/2002 182.5 T USGS 209 S04 EGO 02A-BECI 373803115124001 03/14/1991 017 T 3948. 10/22/2002 161.2 T USGS 212 S19 EGO 2DBDC1 37373115125101 03/34/1991 018 21.2 80. 240. 2350. 100/92002 151.04 S USGS USGS 212 S19 EGO 24CBC1 361655115132101 07/15/1998 003 80. 280. 248.0 1009/2002 150.4 S USGS 212 S12 EGO 15BBDC1 360739115152701 04/23/1998 003 80. 80. 248.0 1009/2002 37.0 S USGS 212 S21 EGO 33AAAD1 360924115081102 01/14/2002 03 14. 11. 1. 1. 1. 1. 1. 1. < | 203 S03 E67 02D1 | 374243114261401 | 03/20/1997 | 017 | 158 | | | | | | | T | |
| 203 S36 E67 28C1 373919114290401 10181/988 017 118 | | | | | | | | | | | | | |
| 100 | 203 S03 E67 28C1 | 373919114290401 | 10/18/1988 | 017 | | | | 4460.00 | | | F | | |
| 1 | 209 S03 E60 35DABD1 | 373808115124301 | 12/16/1993 | 017 | | | | 3990. | 10/22/2002 | 182.5 | | T | USGS |
| 1 | 209 S04 E60 02AABC1 | 373803115124601 | 03/14/1991 | 017 | | | | | | 161.3 | | T | USGS |
| 212 S19 E60 12DB 1 361806115122701 10/23/1996 0/3 240, 80, 240, 250, 1009/2002 151.14 S USGS 120 150 1 | | | | | | | | | | | | | |
| STATE STAT | | | | | 240. | 80. | 240. | | | | | | |
| 12 12 13 16 16 15 15 13 13 10 10 10 10 10 10 | | | | | | | | | | | | | |
| 121 131 | | | | | | | | | | | | | |
| 212 S21 E60 15BBDC1 | 212 S19 E60 24CBC 1 | 361655115132101 | 07/15/1998 | 003 | 380. | 210. | 380. | 2315. | | | | | |
| 212 S21 E61 03AAAD1 | | | | | | | | | | | | | |
| 212 S21 E61 03AAAD2 | | | | | | | | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | | |
| 13 13 15 16 16 16 17 18 18 18 18 18 18 18 | | | | | | | | | | | | | |
| STATES S | | | | | | | | | | | | | |
| 213 S31 E66 36CDDC1 351152114341001 07/09/2003 003 26.44 S USGS 07/09/2003 25.14 S USGS 07/09/2003 20.99 S USGS 07/09/2003 20.99 S USGS 07/09/2003 20.99 S USGS USGS 07/09/2003 20.99 S USGS 07/09/2003 20.99 S USGS 07/09/2003 20.99 S USGS USGS 07/09/2003 20.99 S USGS USGS 07/09/2003 20.99 S USGS USG | | | | | | | | | | | | | |
| 213 S31 E66 36CDDC2 351152114342001 07/09/2003 003 26.47 | 213 S31 E66 36CDDC1 | 351150114341901 | 07/09/2003 | 003 | 27.38 | | | 540.6 | | | | | |
| 213 S31 E66 36CDDC2 351152114342001 07/09/2003 0.03 25.22 | 210 501 200 0005501 | 001100111011701 | 0770972000 | 002 | 27.00 | | | 2.0.0 | | | | | |
| 213 S31 E66 36CDDC3 351150114342201 07/09/2003 003 2522 541.0 07/09/2003 23.20 S USGS USGS 213 S31 E66 36CDDC4 351153114342101 07/09/2003 003 22.23 S USGS 213 S31 E66 36CDDC4 351153114342101 07/09/2003 003 22.23 S USGS 213 S31 E66 36CDDD1 351153114341401 07/09/2003 003 26.44 S S USGS 213 S31 E66 36CDDD2 351153114341401 07/09/2003 003 26.44 S S USGS 213 S31 E66 36CDDD2 351152114341701 07/09/2003 003 26.43 S USGS 213 S31 E66 36CDDD2 351152114341701 07/09/2003 003 26.43 S USGS 213 S32 E66 15ABAD1 350959114425001 07/03/2003 003 7.5 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 S USGS 227A S15 E50 06BA 36404114471301 08/31/2000 023 7.00 636. 7.00 2800.45 10/01/2002 424.2 R T USGS 227A S15 E50 06BA 364105116234702 06/27/2002 023 5.00 449 531 2800.45 10/01/2002 424.2 R T USGS 227A S15 E50 06BA 364105116234702 06/27/2002 023 530 449 531 2800.45 10/01/2002 424.2 R T USGS 227A S15 E50 06BA 364105116234702 06/27/2002 023 S USGS 08/01/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2 | 213 S31 E66 36CDDC2 | 351152114342001 | 07/09/2003 | 003 | 26.47 | | | 540.5 | | | | | |
| 213 S31 E66 36CDDC4 351150114342201 07/09/2003 003 25.22 | | | | | | | | | | | | | |
| 213 S31 E66 36CDDC4 351153114342101 07/09/2003 003 2223 540.7 07/09/2003 17.12 S USGS USGS USGS 07/09/2003 20.45 S USGS USGS 07/09/2003 20.45 S USGS | 213 S31 E66 36CDDC3 | 351150114342201 | 07/09/2003 | 003 | 2522 | | | 541.0 | | | | | |
| 213 S31 E66 36CDDC4 351153114342101 07/09/2003 003 2223 | 210 501 200 00055 00 | | 0110312000 | 002 | | | | 0.110 | | | | | |
| 213 S31 E66 36CDDD1 351153114341401 07/09/2003 003 26.44 540.5 07/09/2003 17.23 S USGS USGS 07/09/2003 17.23 S USGS USGS 07/09/2003 17.23 S USGS USGS USGS 07/09/2003 20.45 S USGS USGS USGS 07/09/2003 20.45 S USGS USGS USGS USGS 07/09/2003 20.45 S USGS USGS USGS USGS 07/09/2003 20.45 S USGS US | 213 S31 E66 36CDDC4 | 351153114342101 | 07/09/2003 | 003 | 22.23 | | | 540.7 | | | | | |
| 213 S31 E66 36CDDD1 | | | ****** | | | | | | | | | | |
| Name | 213 S31 E66 36CDDD1 | 351153114341401 | 07/09/2003 | 003 | 26.44 | | | 540.5 | | | | | |
| 213 S31 E66 36CDDD2 | | | | | | | | | | | | | |
| S | 213 S31 E66 36CDDD2 | 351152114341701 | 07/09/2003 | 003 | 26.33 | | | 540.4 | | | | | |
| 213 S32 E65 15ABADI 350959114425001 07/03/2003 003 7.5 | 210 001 200 0000000 | 001102111011701 | 0770572000 | 002 | 20.00 | | | 0.011 | | | | | |
| 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27.03 | 213 S32 E65 15ABAD1 | 350959114425001 | 07/03/2003 | 003 | 7.5 | | | 2402.0 | | | | | |
| 213 S32 E66 01BAAB1 351149114342101 07/09/2003 003 27/03 511 937 541.1 07/09/2003 D USGS 219 S13 E64 35ACAA1 364604114471301 08/31/2000 003 937. 325 937 2274.6 10/01/2002 511.4 C USGS 11/01/2002 456 C USGS 227A S15 E50 06BA 1 364105116234701 10/01/2002 023 700. 636. 700. 2800.45 10/01/2002 424.5 R T USGS 227A S15 E50 06BA 2 364105116234702 06/27/2002 023 530. 449. 531. 2800.45 10/01/2002 424.2 R T USGS 229 S12 E48 04DBB 1 365520116370301 04/20/1994 023 1600. 800. 1600. 3930.9 06/26/2003 624.9 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.4 V USGS 08/12/2003 624.4 V USGS 08/12/2003 624.4 V USGS 08/12/2003 S16 E48 08BAAA1 363346116354001 03/18/1992 023 243. 100. 250. 2385.4 10/29/2002 170 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | | | | | | | | | D | | |
| 219 S13 E64 35ACAA1 | | 351149114342101 | 07/09/2003 | | | | | | 07/09/2003 | | | | |
| 227A S15 E50 06BA 1 364105116234701 10/01/2002 023 700. 636. 700. 2800.45 10/01/2002 424.5 R T USGS 227A S15 E50 06BA 2 364105116234702 06/27/2002 023 530. 449. 531. 2800.45 10/01/2002 424.2 R T USGS 10/01/2002 424.2 T USGS 229 S12 E48 04DBB 1 365520116370301 04/20/1994 023 1600. 800. 1600. 3930.9 06/26/2003 624.9 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.4 V | | | | | | | 937 | | | 511.4 | _ | C | |
| 227A S15 E50 06BA 1 364105116234701 10/01/2002 023 700. 636. 700. 2800.45 10/01/2002 424.5 R T USGS 227A S15 E50 06BA 2 364105116234702 06/27/2002 023 530. 449. 531. 2800.45 10/01/2002 424.2 R T USGS 10/01/2002 424.2 T USGS 229 S12 E48 04DBB 1 365520116370301 04/20/1994 023 1600. 800. 1600. 3930.9 06/26/2003 624.9 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.4 V | | | | | | | | | | | | | |
| 227A S15 E50 06BA 2 364105116234702 06/27/2002 023 530. 449. 531. 2800.45 10/01/2002 424.2 R T USGS 10/01/2002 424.2 T T USGS | 227A S15 E50 06BA 1 | 364105116234701 | 10/01/2002 | 023 | 700. | 636. | 700. | 2800.45 | | | R | | |
| 229 S12 E48 04DBB 1 365520116370301 04/20/1994 023 1600. 800. 1600. 3930.9 06/26/2003 624.9 V USGS 07/28/2003 624.8 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.4 V USGS 09/25/2003 624.4 V USGS 09/ | | | | | | | | | | | | | |
| 229 S12 E48 04DBB 1 365520116370301 04/20/1994 023 1600. 800. 1600. 3930.9 06/26/2003 624.9 V USGS 07/28/2003 624.6 V USGS 08/12/2003 624.6 V USGS 08/12/2003 624.6 V USGS 230 S16 E48 08BAAA1 363434116354001 03/18/1992 023 243. 100. 250. 2385.4 10/29/2002 D USGS 230 S16 E48 14BAAA1 363346116322801 03/21/1986 023 295. 60. 295. 2381. 10/29/2002 117.1 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | ********* | | | | | | | | | | |
| Comparison of | 229 S12 E48 04DBB 1 | 365520116370301 | 04/20/1994 | 023 | 1600 | 800 | 1600 | 3930.9 | | | | | |
| 230 S16 E48 08BAAA1 36344116354001 03/18/1992 023 243. 100. 250. 2385.4 10/29/2002 17.1 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS 2363. | 22, 5122.00.2551 | 202220110270201 | 0 1/20/1// | 020 | 1000. | 000. | 1000. | 5,50., | | | | | |
| 230 S16 E48 08BAAA1 363434116354001 03/18/1992 023 243. 100. 250. 2385.4 10/29/2002 D USGS 230 S16 E48 14BAAA1 363346116322801 03/21/1986 023 295. 60. 295. 2381. 10/29/2002 117.1 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | | | | | | | | | | | |
| 230 S16 E48 08BAAA1 363434116354001 03/18/1992 023 243. 100. 250. 2385.4 10/29/2002 D USGS 230 S16 E48 14BAAA1 363346116322801 03/21/1986 023 295. 60. 295. 2381. 10/29/2002 117.1 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | | | | | | | | | | | |
| 230 S16 E48 14BAAA1 363346116322801 03/21/1986 023 295. 60. 295. 2381. 10/29/2002 117.1 T USGS 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | 230 S16 F48 08BAAA1 | 363434116354001 | 03/18/1992 | 023 | 243 | 100 | 250 | 2385.4 | | J= | D | • | |
| 230 S16 E49 14BB 1 363348116254901 12/23/1986 023 390. 150. 390. 2440. 10/29/2002 170 T USGS 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | | | | | | | | 117 1 | ט | Т | |
| 230 S16 E49 19DA 1 363237116292901 12/09/1981 023 300. 120. 307. 2363. 10/29/2002 135 T USGS | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | 230 S16 E49 17BA 1 | | | 023 | 350. | 150. | 350. | 2395. | 10/29/2002 | 100 | D | - | USGS |

QUALITY OF GROUND WATER

AQUIFER VULNERABILITY PROJECT

This project will evaluate the susceptibility and vulnerability of ground water to anthropogenic contamination throughout Nevada. Existing water-quality data and information on variables that could be related to water quality (e.g. land use, depth to ground water) are being compiled from many sources and input to a database and geographic information system (GIS). Water-quality measurements in the following table were made in cooperation with the Nevada Department of Environmental Protection (NDEP) to check the accuracy of and supplement existing information. The database and GIS will be used in a statistical evaluation of aquifer susceptibility and vulnerability. Locations of the following sites are shown in figures 30, 32, 34, and 37.

| Station number | Local Ide | entifier | Date | Time | Depth
of
well,
feet
below
LSD
(72008) | Depth
to
water
level,
feet
below
LSD
(72019) | Flow rate, instantaneous gal/min (00059) | Sam-
pling
depth,
feet
(00003) |
|------------------------------------|----------------------------|----------------------|----------------------|--------------|---|---|--|--|
| | | | | | | | | |
| 352743114591901 | 214 S28 E63 | | 10-07-03 | 1000 | 1046. | | | |
| 353114114524801 | 167 S28 E64 | | 10-07-03 | 1330 | 675. | | | |
| 355000115255301 | 164A S24 E58 | | 09-16-03 | 1145 | 255. | 175.69 | 10.0 | |
| 355914115094201
360203115163201 | 212 S22 E61
212 S22 E60 | | 10-07-03
10-09-03 | 1745
1130 | 350.
805. | | | |
| 300203113103201 | 212 022 000 | , ionenei | 10 05 05 | 1130 | 005. | | | |
| 361044114505601 | 215 S20 E64 | 29DADB1 | 09-16-03 | 1600 | 490. | | | |
| 361156115570201 | 162 S20 E54 | 19BDDA1 | 10-09-03 | 1445 | 320. | 229.98 | | |
| 361313116013001 | 162 S20 E53 | 09CDCD1 | 10-09-03 | 1645 | 140. | 48.80 | | |
| 361440115174601 | 212 S20 E60 | 05BCBB1 | 10-08-03 | 1045 | 460. | | | |
| 361928115160401 | 212 S19 E60 | 04DCBB1 | 10-08-03 | 1730 | 338. | 126.63 | | |
| 362531116214901 | 230 S17 E50 | 32DCC 1 | 05-22-03 | 1700 | 13.25 | 1.21 | .10 | 10.0 |
| 362613115442401 | 161 S17 E55 | | 09-15-03 | 1800 | 230. | | | |
| 364340114430301 | 219 S14 E65 | | 09-13-03 | 1500 | 98. | | | |
| 364624114031301 | 222 S13 E71 | | 09-17-03 | 1100 | 1600. | 365.00 | 3000 | |
| 364627114074401 | | 27CBAC1
) 26DAAA1 | 09-17-03 | 1230 | 110. | 15.00 | 500 | |
| 304027114074401 | 222 013 170 | Zobrarii | 05 17 05 | 1230 | 110. | 13.00 | 500 | |
| 365834114590001 | 210 S11 E62 | 2 24DBAD1 | 09-18-03 | 0845 | 140. | | 65.0 | |
| 370246116461901 | 228 S10 E46 | 5 24DDDC1 | 05-20-03 | 1700 | 200. | 33.09 | .10 | 100 |
| 370504116404903 | 228 S10 E47 | 7 11ADAD3 | 05-21-03 | 0900 | 65. | | | |
| 371647117015201 | 146 S08 E44 | 03BAAA1 | 08-27-03 | 1030 | 100. | 53.00 | .10 | |
| 372431115110901 | 209 S06 E61 | 19CDBC1 | 09-10-03 | 1000 | 151. | 87.16 | | |
| 373708114320701 | 205 S04 E66 | 1233001 | 09-10-03 | 1245 | 391. | | | |
| 373840115445201 | 170 S03 E55 | | 09-09-03 | 1845 | 155. | | | |
| 374124114270001 | 203 S03 E67 | | 09-10-03 | 1430 | 158. | | | |
| 374219118050901 | 117 S03 E35 | | 08-26-03 | 1800 | 200. | | | |
| 374422117393001 | 143 S02 E39 | | 08-27-03 | 1630 | 400. | | | |
| | | | | | | | | |
| 375224117145401 | 142 S01 E42 | | 10-06-03 | 1530 | 400. | | | |
| 375404114175301 | 198 N01 E59 | | 09-10-03 | 1730 | 180. | | | |
| 375837118190501 | 114 N01 E33 | | 08-26-03 | 1500 | 420. | | | |
| 380120114120701 | 201 N02 E69 | | 09-11-03 | 1100 | 80. | 35.25 | | |
| 381227116381001 | 149 N04 E48 | 08CCBD1 | 08-28-03 | 1015 | 65. | | .10 | |
| 381908114385701 | 183 NO5 E65 | 5 02DDBA1 | 09-11-03 | 1730 | | | | |
| 381941114362801 | 183 NO5 E66 | 06AADA1 | 09-11-03 | 1430 | 360. | | | |
| 381947114331201 | 183 NO6 E66 | | 09-11-03 | 1345 | 170. | 135.22 | | |
| 382212116235101 | 156 N06 E49 | 9 24AADA1 | 08-28-03 | 1230 | 400. | | .10 | 160 |
| 382328117262501 | 137A N06 E40 | 12CBCD1 | 08-26-03 | 1100 | 160. | | | |
| | 1277 NOC E40 | 12GPGD1 | 10.06.03 | 1215 | 1.00 | | | |
| 382825118393801 | 137A N06 E40 | | 10-06-03
09-09-03 | 1315
1315 | 160.
320. | | | |
| 382829115465201 | 173B N07 E55 | | 04-08-03 | 1500 | 15. | .50 | E.10 | |
| 383011115462301 | 173B NO7 E55 | | 04-08-03 | 1200 | 24. | 14.99 | E.10 | 20.0 |
| 383902118451301 | 110B N09 E29 | | 09-15-03 | 1100 | 190. | 110.10 | 3.0 | |
| | | | | | | | | |
| 384631115250701 | 173B N11 E58 | | 09-04-03 | 1345 | 78. | 19.39 | 2.5 | |
| 384706115241301 | 173B N11 E58 | | 09-04-03 | 1500 | 110. | | | |
| 384837117580801 | 122 N11 E36 | | 08-25-03 | 1900 | 155. | | 1.0 | 110 |
| 385231119252101
385238117350301 | 107 N12 E23 | | 07-14-03 | 1000 | 150.
83. | 139.30 | 1.0 | 50.0 |
| 303230117330301 | 133 N12 E33 | 2/CBAAI | 08-25-03 | 1600 | 03. | | 1.0 | 50.0 |
| 385304119460601 | 105 N12 E19 | 23CDBC1 | 05-30-03 | 1230 | 27. | 3.40 | | |
| 385348115015001 | 207 N12 E62 | 2 17CDBD1 | 09-04-03 | 1000 | 110. | 77.80 | 8.0 | |
| 385606119412201 | 105 N12 E20 | | 07-15-03 | 0850 | 245. | | | |
| 385612115025601 | 207 N12 E62 | | 09-12-03 | 0830 | 161. | | | |
| 385612119464101 | 105 N12 E20 | 06ABCC1 | 05-29-03 | 1200 | 20.5 | 12.08 | | |
| 385655119413101 | 105 N13 E20 | 36BCDR1 | 07-09-03 | 1045 | 200. | 132.00 | 7.0 | |
| 385815119500301 | 105 N13 E20 | | 05-01-03 | 1320 | 16. | 5.98 | 7.0 | |
| 385816119482401 | 105 N13 E19 | | 05-01-03 | 1100 | 21. | 2.68 | | |
| 390028114110401 | 195 N13 E69 | | 09-03-03 | 1145 | 150. | 40.74 | 7.0 | |
| 390148119564101 | 090 N14 E18 | | 08-08-03 | 1000 | 180. | 77.71 | 10.0 | |
| | | · · · | | | | | _,,, | |
| 390315119403201 | 105 N14 E19 | | 07-15-03 | 1045 | 64. | 40.36 | | |
| 390553119543001 | 090 N14 E18 | | 08-08-03 | 1230 | 200. | | | |
| 390637119472301 | 104 N14 E19 | | 07-02-03 | 1330 | 312. | 19.28 | | |
| 390637119472303 | 104 N14 E19 | | 07-02-03 | 1020 | 120. | 17.90 | | |
| 390657119492101 | 104 N15 E19 | 2 2 CCRDI | 08-08-03 | 1500 | 225. | 58.82 | 12.0 | |

QUALITY OF GROUND WATER

AQUIFER VULNERABILITY PROJECT--Continued

| | | | Dis- | pН, | Specif. | | | on | Ammonia
+ | | Nitrite
+ | | Ortho-
phos- |
|----------------------|-----------------|------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------|------------------|-------------------|-----------------|----------------|------------------|
| | Baro-
metric | Dis- | solved | water,
unfltrd | conduc- | Tompor | Tompor | evap.
at | org-N, | Ammonia
water, | | Nitrite water, | phate, |
| | pres- | solved | oxygen,
percent | field, | tance,
wat unf | Temper-
ature, | Temper-
ature, | 180degC | water,
fltrd, | fltrd, | water
fltrd, | fltrd, | water,
fltrd, |
| Date | sure, | oxygen, | of sat- | std | uS/cm | air, | water, | wat flt | mg/L | mg/L | mg/L | mg/L | mg/L |
| | mm Hg | mg/L | uration | units | 25 degC | deg C | deg C | mg/L | as N | as N | as N | as N | as P |
| | (00025) | (00300) | (00301) | (00400) | (00095) | (00020) | (00010) | (70300) | (00623) | (00608) | (00631) | (00613) | (00671) |
| 10-07-03 | | 5.1 | | 7.9 | 413 | | 34.4 | 255 | <.10 | <.04 | 3.49 | <.008 | <.02 |
| 10-07-03 | | .6 | | 7.8 | 615 | | 24.6 | 347 | .11 | .04 | 5.77 | .188 | <.02 |
| 09-16-03 | 665 | 7.2 | 91 | 7.0 | 675 | | 20.0 | 417 | <.10 | <.04 | 2.61 | <.008 | <.02 |
| 10-07-03 | | 6.1 | | 7.5 | 1420 | | 24.0 | 868 | <.10 | <.04 | 2.56 | <.008 | <.02 |
| 10-09-03 | | 4.5 | | 7.3 | 878 | | 28.1 | 659 | <.10 | <.04 | .69 | <.008 | <.02 |
| 09-16-03 | 715 | 5.0 | 73 | 7.1 | 10800 | | 30.0 | 8810 | E.07 | .14 | .61 | <.008 | <.02 |
| 10-09-03 | | 3.5 | | 7.3 | 846 | | 25.5 | 572 | E.07 | <.04 | 10.0 | .014 | <.09 |
| 10-09-03 | | 5.2 | | 6.9 | 1130 | | 19.4 | 735 | .13 | <.04 | 11.7 | <.008 | <.09 |
| 10-08-03 | | 5.7 | | 7.0 | 481 | | 22.9 | 289 | <.10 | <.04 | 1.36 | <.008 | <.02 |
| 10-08-03 | | 6.0 | | 7.1 | 411 | | 21.4 | 229 | E.06 | <.04 | .47 | <.008 | <.02 |
| 05-22-03 | | | | 8.1 | 1520 | | 17.2 | 1060 | .14 | <.04 | <.06 | <.008 | .06 |
| 09-15-03 | 620 | 5.5 | 68 | 7.4 | 391 | | 15.0 | 256 | <.10 | <.04 | .11 | <.008 | <.02 |
| 09-17-03 | 710 | 3.0 | 43 | 7.2 | 883 | | 31.0 | 617 | <.10 | <.04 | .45 | <.008 | <.02 |
| 09-17-03 | 705 | .1 | .0 | 7.4 | 925 | | 33.0 | 581 | <.10 | <.04 | E.05 | <.008 | <.02 |
| 09-17-03 | 715 | 4.5 | 58 | 7.2 | 598 | | 24.0 | 366 | <.10 | <.04 | 1.51 | <.008 | <.02 |
| | | | | | | | | | | | | | |
| 09-18-03
05-20-03 | 700
661 | 6.6
4.6 | 79
59 | 7.0
7.7 | 727
570 |
29.0 | 20.0
20.9 | 451
442 | <.10
<.10 | <.04
<.04 | 1.00
1.57 | <.008 | <.02
E.01 |
| 05-21-03 | | | | | | 25.0 | | 532 | <.10 | <.04 | .53 | <.008 | .03 |
| 08-27-03 | | 4.4 | | 7.2 | 1480 | | 21.5 | 978 | <.10 | <.04 | .97 | <.008 | E.01 |
| 09-10-03 | | 2.6 | | 7.0 | 1020 | | 19.0 | 652 | <.10 | <.04 | E.05 | <.008 | .04 |
| | | | | | | | | 0.50 | | | | | |
| 09-10-03
09-09-03 | | 4.1
5.3 | | 8.4
7.5 | 390
427 | | 28.0
17.0 | 259
280 | <.10
<.10 | <.04
<.04 | 2.16
2.29 | <.008 | <.02
<.02 |
| 09-10-03 | | 3.0 | | 7.4 | 586 | | 16.2 | 415 | <.10 | <.04 | 1.15 | <.008 | .02 |
| 08-26-03 | 641 | .5 | 6 | 5.8 | 1890 | | 16.5 | 1490 | E.07 | <.04 | .38 | <.008 | E.02 |
| 08-27-03 | | | | E7.6 | E1120 | | E26.0 | | | | | | |
| 10 06 02 | | 0 1 | | | | | 04.4 | 204 | 1.0 | 0.4 | 1 00 | 000 | E 01 |
| 10-06-03
09-10-03 | | 2.1
6.5 | | 7.6
6.9 | 555
921 | | 24.4
13.4 | 394
366 | <.10
<.10 | <.04
<.04 | 1.08 | <.008 | E.01
<.02 |
| 08-26-03 | 592 | 7.0 | 93 | 7.4 | 640 | | 16.2 | 398 | <.10 | <.04 | 9.23 | <.008 | .02 |
| 09-11-03 | | .1 | | 7.1 | 523 | | 11.1 | 350 | E.08 | <.04 | <.06 | <.008 | .04 |
| 08-28-03 | | 3.4 | | 7.1 | 402 | 22.9 | 14.5 | 302 | <.10 | <.04 | .30 | <.008 | .03 |
| | | | | | | | | | | | | | |
| 09-11-03
09-11-03 | | 1.1
5.9 | | 6.9
7.5 | 547
384 | | 12.7
17.4 | 593
241 | .12
<.10 | <.04
<.04 | 4.07
1.32 | <.008 | .04 |
| 09-11-03 | | 7.9 | | 7.5 | 537 | | 14.9 | 376 | <.10 | <.04 | 3.11 | <.008 | E.01 |
| 08-28-03 | | .4 | | 7.2 | 1020 | | 16.2 | 742 | <.10 | <.04 | .66 | E.004 | <.02 |
| 08-26-03 | 639 | 6.0 | 78 | 7.5 | 498 | 21.6 | 19.5 | 364 | <.10 | <.04 | 2.73 | <.008 | <.02 |
| 10 06 02 | | 6.0 | | | 400 | | 00.1 | 2.61 | 1.0 | 0.4 | 0.76 | 000 | П 01 |
| 10-06-03
09-09-03 | | 6.9
8.1 | | 7.7
7.5 | 492
1000 | | 20.1
17.7 | 361
649 | <.10
<.10 | <.04
<.04 | 2.76
3.71 | <.008 | E.01
E.01 |
| 04-08-03 | | 1.2 | | 6.8 | 925 | | 16.5 | 605 | .11 | .06 | <.06 | <.008 | .04 |
| 04-08-03 | | 5.8 | | 7.7 | 790 | | 16.3 | 532 | <.10 | <.04 | E.04 | <.008 | .02 |
| 09-15-03 | 660 | 2.8 | 41 | 7.5 | 1420 | | 26.6 | 893 | <.10 | <.04 | .53 | <.008 | .04 |
| 00 04 02 | | 3.2 | | | | | 12.0 | 422 | 1.4 | 0.4 | 60 | 000 | 1.0 |
| 09-04-03
09-04-03 | | 3.2
4.6 | | 6.9
7.1 | 707
637 | | 13.8
16.1 | 433
380 | .14
E.05 | <.04
<.04 | .60
.07 | <.008 | <.18
<.18 |
| 08-25-03 | 646 | 3.2 | 43 | 7.8 | 1090 | | 22.2 | | | | | | |
| 07-14-03 | 645 | 7.8 | 96 | 6.7 | 304 | 26.0 | 17.0 | 214 | E.05 | <.04 | .89 | <.008 | .02 |
| 08-25-03 | 594 | 5.7 | 68 | 7.2 | 514 | | 11.8 | 372 | E.07 | <.04 | <.06 | <.008 | .04 |
| 05-30-03 | 638 | 5.8 | 73 | 7.2 | 106 | 25.0 | 17.9 | 90 | <.10 | <.04 | 12 | - 000 | .06 |
| 09-04-03 | 638 | 8.1 | | 7.2 | 442 | 25.0 | 17.9 | 284 | <.10 | <.04 | .13
1.20 | <.008
<.008 | <.18 |
| 07-15-03 | 640 | 5.9 | 76 | 7.1 | 383 | 23.0 | 18.5 | 237 | <.10 | <.04 | .58 | <.008 | .03 |
| 09-12-03 | | 9.1 | | 7.1 | 384 | | 15.1 | 227 | <.10 | <.04 | 1.12 | <.008 | <.02 |
| 05-29-03 | 639 | <.1 | | 6.1 | 376 | | 15.1 | 256 | .14 | <.04 | .84 | <.008 | .03 |
| 07 00 03 | 640 | 7.0 | 104 | 7.9 | 204 | 25 5 | 20 5 | 255 | , 10 | - 04 | 2 25 | <.008 | 00 |
| 07-09-03
05-01-03 | 640 | 7.8 | 104 | 7.9 | 384 | 25.5 | 20.5 | 255
250 | <.10
.51 | <.04 | 3.25
<.06 | <.008 | .02
<.02 |
| 05-01-03 | | | | 7.1 | 260 | | | 180 | .16 | .09 | .10 | <.008 | E.02 |
| 09-03-03 | | 6.7 | | 6.5 | 172 | | 14.0 | 103 | <.10 | <.04 | .07 | <.008 | <.18 |
| 08-08-03 | | | | 6.1 | 320 | | 9.5 | 211 | <.10 | <.04 | .35 | <.008 | <.02 |
| 07 15 03 | 645 | 1.0 | 64 | 6 5 | 1520 | | 22.0 | 1050 | 17 | - 04 | 2.89 | - 000 | 10 |
| 07-15-03
08-08-03 | 645 | 4.6 | 64 | 6.5
7.1 | 1530
290 | | 23.0
10.7 | 1050
184 | .17
<.10 | <.04
<.04 | .81 | <.008 | .10
.02 |
| 07-02-03 | | | | 7.1 | 133 | | 16.4 | 101 | <.10 | <.04 | 2.78 | <.008 | .02 |
| 07-02-03 | | | | 6.6 | 146 | | 15.3 | 124 | <.10 | <.04 | 2.32 | <.008 | .14 |
| 08-08-03 | | | | 6.1 | 176 | | 12.0 | 165 | | | | | |
| | | | | | | | | | | | | | |

QUALITY OF GROUND WATER AQUIFER VULNERABILITY PROJECT--Continued

| | | | | Depth of well, | Depth
to
water
level, | Flow rate, | Sam- |
|------------------------------------|---|----------------------|--------------|---------------------------------|---------------------------------|--|------------------------------------|
| Station number | Local Identifer | Date | Time | feet
below
LSD
(72008) | feet
below
LSD
(72019) | instan-
taneous
gal/min
(00059) | pling
depth,
feet
(00003) |
| 390843119462601 | 104 N15 E20 19DDBC1 | 06-27-03 | 1145 | 236. | 72.19 | | |
| 390917119430701 | 103 N15 E20 22ABCA1 | 03-31-03 | 1030 | 14.3 | 4.29 | | |
| 390952114214401 | 184 N15 E66 14DBBD1 | 09-03-03 | 1430 | 168. | 26.24 | 10.0 | 150 |
| 390955119481001 | 104 N15 E19 13BCDC1 | 07-08-03 | 1145 | 201. | 36.42 | | |
| 390955119481002 | 104 N15 E19 13BCDC2 | 07-08-03 | 1315 | 85. | 22.31 | | |
| 391111119481901 | 104 N15 E19 01CCCC1 | 07-07-03 | 1030 | 117. | 96.34 | .40 | 105 |
| 391126119441902 | 104 N15 E20 04DBDD2 | 04-23-03 | 1100 | 33. | 14.25 | .10 | 28.0 |
| 391127119442501 | 104 N15 E20 04DBCD1 | 05-30-03 | 1400 | 32. | 12.88 | | |
| 391158119555001 | 090 N15 E18 02BBDA1 | 09-12-02 | 1515 | 110. | | | |
| | 090 N15 E18 02BBDA1 | 08-07-03 | 1130 | 110. | | | |
| | 090 N15 E18 02BBDA1 | 08-07-03 | 1135 | 110. | | | |
| 391201119421501 | 104 N15 E20 02ABBB1 | 07-15-03 | 1410 | 126. | 49.68 | | |
| 391301114515701 | 179 N16 E63 27DCDA1 | 09-02-03 | 0915 | 430. | | | |
| 391949114525001 | 179 N17 E63 21AADB1 | 09-02-03 | 1300 | 176. | | 6.0 | |
| 392028114290301 | 184 N17 E67 18BCAA1 | 09-02-03 | 1900 | 125. | | 7.5 | 120 |
| 392145116541302 | 137B N17 E45 03BDBC2 | 06-04-03 | 1530 | 125. | 103.68 | | |
| 392308116553401 | 137B N18 E45 28CDCD1 | 06-03-03 | 1530 | 264. | 172.21 | 1.0 | 240 |
| 392410119041201 | 102 N18 E26 21CDDA1 | 07-17-03 | 1130 | 720. | | | |
| 392507119032001 | 102 N18 E26 15CDCB1 | 07-17-03 | 0940 | | | | |
| 392622117171301 | 056 N18 E42 07DAAD1 | 08-18-03 | 1730 | 180. | | | |
| 392733118463801 | 101 N18 E29 06BBBD5 | 06-11-03 | 1015 | 10.9 | 6.58 | | 8.00 |
| 392829118520001 | 101 N19 E28 32BAAB1 | 06-11-03 | 1300 | 13. | 6.87 | | |
| 393051119431601 | 087 N19 E20 15ACCA1 | 04-17-03 | 1120 | 22. | | .50 | 15.0 |
| 393109117462601 | 133 N19 E37 13BBBB1 | 09-05-03 | 1130 | | | | |
| 393358116003101 | 153 N20 E53 28CBAD1 | 08-21-03 | 0900 | 265. | | | |
| 393535116012001 | 153 N20 E53 17DACC1 | 08-21-03 | 1100 | 150. | | | |
| 393858118453702 | 101 N21 E29 30DDC 2 | 06-10-03 | 1400 | 15.0 | 7.40 | | |
| 394505119401201 | 84 N22 E21 30BABD1 | 09-22-03 | 1345 | 317. | | 30.0 | |
| 395102115444201 | 154 N23 E55 23DBAB1 | 08-20-03 | 1500 | 153. | | | |
| 400223117154201 | 058 N25 E42 16CBBB1 | 08-19-03 | 1200 | 282. | 188.26 | | |
| 400605117110401 | 058 N26 E43 30ABBB1 | 08-19-03 | 1000 | | | | |
| 400849119485301 | 097 N26 E19 02DCA 1 | 06-18-03 | 1630 | 240. | 201.62 | | |
| 401235119491601 | 097 N27 E19 14BDCB1 | 06-18-03 | 1820 | 121. | 69.51 | | |
| 401950118185201
402639119274301 | 073 N29 E33 31DBCC1
22 N30 E22 25BADC1 | 08-14-03
09-24-03 | 1000
1045 | 168.
355. | 23.65 | 400 | |
| | | | | | | | |
| 403435116530601 | 059 N31 E45 10ADBB1 | 08-19-03 | 1600 | 90. | 11.37 | | |
| 403614119445401 | 021 N32 E20 32DADC1 | 09-22-03 | 1748 | 117. | 17.00 | 7.0 | |
| 403634117390201
404229119275401 | 071 N32 E38 36ABCA1
021 N33 E22 26CC 1 | 07-31-03
09-23-03 | 1600
1000 | 150.
90. | 105.52 | .50
.10 | |
| 404345116142701 | 051 N33 E51 21DACD1 | 07-30-03 | 1630 | 300. | -23.10 | 5.0 | |
| | | | | | | | |
| 404605116074901 | 051 N33 E52 04DCCD1 | 07-31-03 | 0900 | 175. | 62.65 | | |
| 404757116155101 | 051 N34 E51 29DCCA1 | 07-23-03 | 1530 | 203. | -48.50 | | |
| 404759116115401 | 051 N34 E51 25CCBC1 | 07-22-03 | 1120 | 1484. | 100 17 | | |
| 404803116062601
404809119303301 | 050 N34 E52 27DCA 1
021 N34 E22 29DBAD1 | 07-22-03
09-24-03 | | 295.
195. | | | |
| | | | | | | | |
| 405258119193701 | 024 N35 E23 36BBBB1 | 09-23-03 | | | | 15.0 | |
| 405558116204901 | 061 N35 E50 03CCDD1 | 06-05-03 | | | | | |
| 405832116164401 | 051 N36 E51 30DDCA1 | 07-31-03 | | | | | |
| 405921116152101
410030115003401 | 051 N36 E51 21CCCC1
177 N36 E62 18ABBD1 | 07-23-03
10-21-03 | | 80.
150. | | | |
| | | | | | | | |
| 410213115143701
410541114420401 | 041 N36 E60 06ACBD1
188 N37 E64 14AADB1 | 10-20-03
10-23-03 | | 172.
285. | 120.00 | | 160 |
| 410541114420401 410652114553401 | 042 N37 E62 02DDAC1 | 10-23-03 | | 285.
158. | 157.00 | | |
| 410652114553401 | 188 N37 E64 06DB 1 | 10-20-03 | | 280. | | | |
| 413011117502101 | 042 N37 E62 02DDAC1
188 N37 E64 06DB 1
033A N42 E37 20CAAD1 | 11-21-02 | | | | | |
| 413024117502001 | 033A N42 E37 20BDAD1 | 11-21-02 | 1100 | 85. | | | |
| 413043117505201 | 033A N42 E37 20BBBB1 | 11-21-02 | | | | | |
| | 033A N42 E37 20BBBB1 | 08-01-03 | | 85. | 72.73 | .20 | |
| 414250118305801 | 029 N44 E31 04CACC1 | 08-14-03 | | | | | |
| 415410118570001 | 004 N46 E26 24CC 1 | 08-14-03 | 1815 | 112. | | | |
| 415621118365701 | 001 N47 E30 22BCBA1 | 08-14-03 | 1600 | 146. | | | |
| 415916114402001 | 040 N47 E64 01CBCD1 | 10-21-03 | 1515 | 500. | 181.00 | 6.0 | |

QUALITY OF GROUND WATER

AQUIFER VULNERABILITY PROJECT--Continued

| | | | | | | | | Residue | Ammonia | | Nitrite | | Ortho- |
|------|---------|---------|-----------------|---------|---------------------------|---------------------|-----------|-------------|-------------------|---------|---------|---------|--------|
| | | | Dis- | pН, | Specif. | | | on | + | | + | | phos- |
| | Baro- | | solved | water, | conduc- | | | evap. | org-N, | Ammonia | nitrate | Nitrite | phate, |
| | metric | Dis- | oxygen, | unfltrd | tance, | Temper- | Temper- | at | water, | water, | water | water, | water, |
| | pres- | solved | percent | field, | wat unf | ature, | ature, | 180degC | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, |
| Date | .gure, | exygen, | Φf sat2 | std 1 | uS ⊭o m (|)a 18, 9< | .80ateE,0 | wat flt8 | .9. 0 0g/L | .80mg/L | mg/L | mg/L | mg/L |
| | .mm Hg | t-mg/L | S pation | t-units | 3 2 5 £ 10t | r() - 1 8 L | 9<.80m9T2 | gø9T2(m:0)- | 18\$9.080a | tsNL0 | a s | atsP , | |
| | (80 (80 | (80 (8 | 30 (| | | | | | | | | | |

QUALITY OF SURFACE WATER

CARSON RIVER BASIN

Water-quality measurements in the following table were made as part of the Carson River Mercury Superfund Monitoring Study to determine loads into and out of Lahontan Reservoir. All mercury and methylmercury analyses were performed by USGS Mercury Research Laboratory in Middleton, Wisconsin using methods described in Olson and others (1997) and Olson and DeWild (1999). Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data." The following sites are shown in figure 17.

WATER-QUALITY DATA, WATER YEAR 2002 TO SEPTEMBER 2003

| Station number | Station name | Date | Time | Sample
type | Instan-
taneous
dis-
charge,
cfs
(00061) | pres-
sure,
mm Hg | Dis-
solved
oxygen,
mg/L
(00300) |
|----------------|---------------------------------------|----------|------|----------------|---|-------------------------|--|
| 10312020 | CARSON RIVER NEAR SILVER SPRINGS, NV | 10-29-02 | 1030 | FIELD BLANK | | | |
| | , | 10-29-02 | | ENVIRONMENTAL | 3.2 | 655 | 9.5 |
| | | 11-27-02 | | FIELD BLANK | | | |
| | | 11-27-02 | 1040 | ENVIRONMENTAL | 105 | 665 | 11.9 |
| | | 12-13-02 | 1000 | FIELD BLANK | | | |
| | | 12-13-02 | | ENVIRONMENTAL | | 652 | 10.8 |
| | | 12-18-02 | | FIELD BLANK | | | |
| | | 12-18-02 | | ENVIRONMENTAL | 428 | 658 | 12.4 |
| | | 01-22-03 | | FIELD BLANK | | | |
| | | 01-22-03 | 1100 | ENVIRONMENTAL | 202 | 657 | 10.7 |
| | | 02-20-03 | | FIELD BLANK | | | |
| | | 02-20-03 | | ENVIRONMENTAL | 244 | 655 | 11.4 |
| | | 03-20-03 | | FIELD BLANK | | | |
| | | 03-20-03 | | ENVIRONMENTAL | 278 | 655 | 9.7 |
| | | 03-28-03 | 0815 | FIELD BLANK | | | |
| | | 03-28-03 | 0915 | ENVIRONMENTAL | 396 | 660 | 9.5 |
| | | 04-15-03 | | FIELD BLANK | | | |
| | | 04-15-03 | | ENVIRONMENTAL | 580 | | |
| | | 05-13-03 | | FIELD BLANK | | | |
| | | 05-13-03 | 1115 | ENVIRONMENTAL | 130 | 655 | 7.9 |
| | | 05-16-03 | | FIELD BLANK | | | |
| | | 05-16-03 | | ENVIRONMENTAL | 540 | 655 | 8.2 |
| | | 05-19-03 | | FIELD BLANK | | | |
| | | 05-19-03 | | ENVIRONMENTAL | 955 | 660 | 8.7 |
| | | 05-27-03 | 1010 | FIELD BLANK | | | |
| | | 05-27-03 | 1220 | ENVIRONMENTAL | 2100 | 658 | 8.2 |
| | | 06-03-03 | 0950 | FIELD BLANK | | | |
| | | 06-03-03 | 1125 | ENVIRONMENTAL | 2080 | 655 | 8.4 |
| | | 06-09-03 | | FIELD BLANK | | | |
| | | 06-09-03 | 1150 | ENVIRONMENTAL | 1720 | 650 | 7.8 |
| | | 06-30-03 | 0855 | FIELD BLANK | | | |
| | | 06-30-03 | | ENVIRONMENTAL | 258 | 655 | 7.4 |
| | | 06-30-03 | 1015 | REPLICATE | 258 | 655 | 7.4 |
| | | 08-13-03 | 0905 | FIELD BLANK | | | |
| | | 08-13-03 | 0955 | ENVIRONMENTAL | 8.4 | 657 | 7.8 |
| | | 09-24-03 | 1115 | ENVIRONMENTAL | 3.0 | 656 | 9.5 |
| | | 09-24-03 | | REPLICATE | 3.0 | 656 | 9.5 |
| 10312150 | CARSON RIVER BELOW LAHONTAN RESERVOIR | 10-28-02 | | ENVIRONMENTAL | | 662 | 9.6 |
| | NEAR FALLON, NV | 04-01-03 | | ENVIRONMENTAL | | 655 | 9.6 |
| | | 05-12-03 | 1110 | ENVIRONMENTAL | 188 | 665 | 12.1 |
| | | 06-04-03 | | ENVIRONMENTAL | | 658 | 9.4 |
| | | 07-01-03 | | ENVIRONMENTAL | | 657 | 7.0 |
| | | 08-12-03 | | ENVIRONMENTAL | 657 | 655 | 5.3 |
| | | 09-23-03 | | FIELD BLANK | | | |
| | | 09-23-03 | 1045 | ENVIRONMENTAL | 551 | 658 | 6.9 |

QUALITY OF SURFACE WATER

CARSON RIVER BASIN--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Mercury
water
fltrd,
ng/L
(50287) | Mercury
water
unfltrd
ng/L
(50286) | | Methyl-
mercury
water
unfltrd
ng/L
(50284) | Sus-
pended
sedi-
ment
concen-
tration
mg/L
(80154) | Sus-
pended
sedi-
ment
load,
tons/d
(80155) | Suspnd. sedi- ment, sieve diametr percent <.063mm (70331) |
|----------------------|---|---|--|---|---|---|--|-------------|---|--|---|---|
| 10-29-02 | | | | | | .16 | | <.04 | | | | |
| 10-29-02 | 103 | 7.8 | 560 | 15.0 | 12.0 | 14.9 | 33.9 | .85 | 1.47 | 7 | .06 | 4.3 |
| 11-27-02 | | | | | | 3.66 | | < . 04 | | | | |
| 11-27-02 | 101 | 7.5 | 389 | 6.0 | 3.0 | 20.5 | 125 | .86 | 1.33 | | | |
| 12-13-02 | | | | | | .22 | | <.04 | | | | |
| | | | | | | | | | | | | |
| 12-13-02 | 96 | 7.7 | 415 | 12.5 | 4.0 | 17.2 | 137 | .94 | 1.43 | 5 | 1.3 | 40 |
| 12-18-02 | | | | | | .27 | | <.04 | | | | |
| 12-18-02
01-22-03 | 102 | 7.4 | 285 | 8.0 | 1.5 | 16.5 | 1260
.13 | .90
<.04 | 2.15 | 116 | 134 | 79
 |
| 01-22-03 | 100 | 7.6 | 373 | 13.5 | 6.0 | .70
14.6 | 250 | 1.06 | 1.59 | 9 | 4.9 | 76 |
| 01-22-03 | 100 | 7.6 | 3/3 | 13.5 | 6.0 | 14.6 | 250 | 1.06 | 1.59 | 9 | 4.9 | 76 |
| 02-20-03 | | | | | | .14 | .19 | <.04 | | | | |
| 02-20-03 | 107 | 7.6 | 326 | 5.5 | 6.0 | 13.1 | 203 | 1.06 | 1.74 | 10 | 6.6 | 56 |
| 03-20-03 | | | | | | 1.16 | | <.04 | | | | |
| 03-20-03 | 100 | 7.5 | 268 | 8.5 | 10.0 | 16.2 | 315 | 1.00 | 2.16 | 13 | 9.8 | 72 |
| 03-28-03 | | | | | | .92 | | <.04 | | | | |
| 03-28-03 | 94 | 7.9 | 285 | 8.5 | 8.7 | 20.4 | 2360 | 1.83 | 5.67 | 86 | 92 | 79 |
| 04-15-03 | | | | | | 2.49 | | <.04 | | | | |
| 04-15-03 | | 7.4 | 209 | 8.5 | 8.5 | 21.2 | 1910 | 1.85 | 5.60 | 130 | 204 | 66 |
| 05-13-03 | | | | | | 1.15 | | <.04 | | | | |
| 05-13-03 | 96 | 7.6 | 418 | 24.5 | 17.5 | 28.5 | 367 | 2.23 | 3.21 | 11 | 3.9 | 79 |
| 05-16-03 | | | | | | 1.76 | | <.04 | | | | |
| 05-16-03 | 95 | 7.4 | 184 | 15.5 | 15.0 | 25.7 | 1690 | 2.28 | 6.02 | 100 | 146 | 76 |
| 05-19-03 | | | | | | .51 | | <.04 | | | | |
| 05-19-03 | 100 | 7.2 | 147 | 28.0 | 15.0 | 25.1 | 2590 | 1.48 | 4.85 | 172 | 444 | 74 |
| 05-27-03 | | | | | | .31 | | <.04 | | | | |
| 05-27-03 | 95 | 6.9 | 86 | 25.5 | 15.1 | 31.4 | 3740 | .61 | 2.64 | 421 | 2390 | 54 |
| 06-03-03 | | 0.5 | | 25.5 | 15.1 | .44 | 3740 | <.04 | | | 2330 | J-1 |
| 06-03-03 | 100 | 7.0 | 80 | 27.5 | 16.3 | 37.1 | 3430 | .72 | 2.99 | 1120 | 6310 | 18 |
| 06-09-03 | | | | | | 1.20 | | < . 04 | | | | |
| 06-09-03 | 98 | 7.1 | 89 | 29.0 | 18.5 | 39.7 | 5320 | 1.50 | 3.46 | 296 | 1380 | 51 |
| 06-30-03 | | | | | | 2.01 | | < . 04 | | | | |
| 06-30-03 | 94 | 7.4 | 258 | 28.0 | 19.5 | 40.5 | 1080 | 1.79 | 3.05 | 32 | 22 | 67 |
| 06-30-03 | 94 | 7.4 | 258 | 28.0 | 19.5 | 38.9 | 1220 | 1.90 | 3.38 | | | |
| 08-13-03 | | | | | | .45 | | <.04 | | | | |
| 08-13-03 | 98 | 7.7 | 525 | 27.0 | 19.0 | 26.5 | 132 | 1.16 | 1.62 | 2 | .05 | 82 |
| | | | | | | | | | | _ | | |
| 09-24-03 | 120 | 8.0 | 557 | 31.0 | 19.0 | 34.0 | 105 | 1.98 | 2.86 | 3 | .02 | 76 |
| 09-24-03
10-28-02 | 120
105 | 8.0
7.8 | 557
263 | 31.0
16.0 | 19.0
13.0 | 33.4
3.61 | 98.9
213 | 1.64 | 2.90
.15 | 24 | 17 |
99 |
| 04-01-03 | 99 | 7.8 | 263
258 | 15.5 | 10.0 | 4.81 | 213
59.4 | .12 | .15 | 24 | 24 | 99 |
| 05-12-03 | 131 | 8.1 | 258 | 22.0 | 12.5 | 6.00 | 136 | . 12 | .15 | 13 | 6.6 | 91 |
| 05 12 05 | 131 | 0.1 | 2,0 | 22.0 | 12.5 | 0.00 | 130 | .00 | .10 | 1.5 | 0.0 | 24 |
| 06-04-03 | 107 | 7.8 | 295 | 30.5 | 14.5 | 5.56 | 85.9 | .08 | .20 | 14 | 27 | 85 |
| 07-01-03 | 84 | 7.6 | 298 | 30.0 | 17.0 | 6.36 | 137 | .18 | .52 | 17 | 45 | 96 |
| 08-12-03 | 69 | 7.4 | 275 | 28.0 | 21.0 | 10.4 | 164 | .10 | .28 | 17 | 30 | 72 |
| 09-23-03 | | | | | | 1.03 | | <.04 | | | | |
| 09-23-03 | 85 | 7.5 | 262 | 23.0 | 18.0 | 5.01 | 352 | .05 | .17 | 59 | 88 | 83 |

Remark codes used in this report: < -- Less than

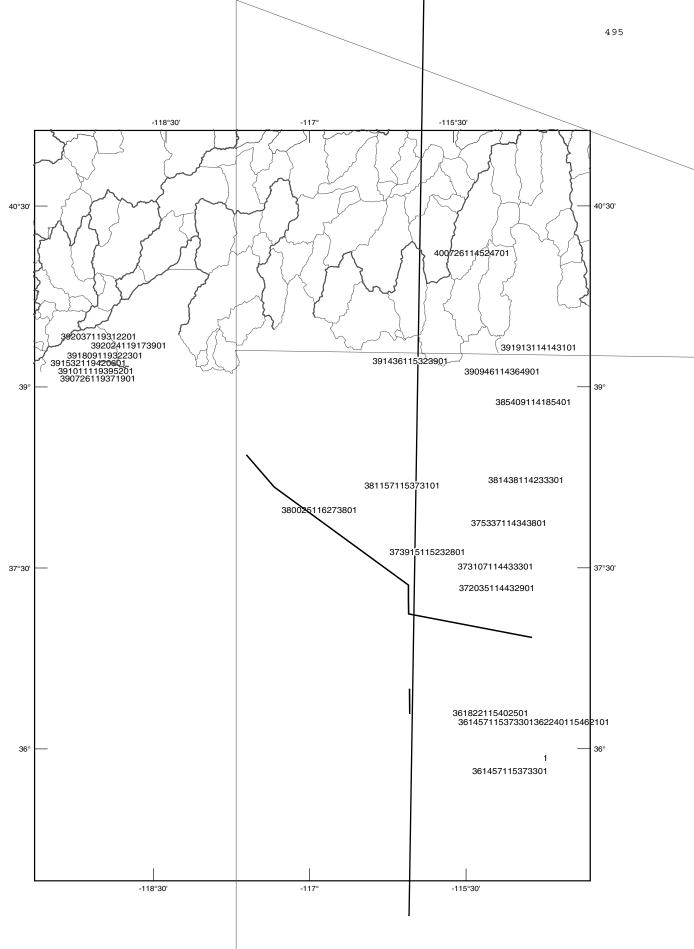


Figure 33. High-elevation precipitation sites listed in this report.

MISCELLANEOUS PRECIPITATION SITES

DAYTON VALLEY

Precipitation data were collected in the Dayton Valley Hydrographic Area as part of a cooperative study with the Carson Water Subconservancy District. The purpose of the study is to refine existing maps showing the distribution of annual precipitation. The following sites are shown in figure 33.

| Station Name | Location | | |
|--|---|--------------------------|---------------|
| and | and | | Precipitation |
| Number | Drainage Area | Period | (inches) |
| Basalite Knob
392037119312201 | Lat $36^{\circ}20'37''$, long $119^{\circ}31'22''$, in SE 1 / $_{4}$ NW 1 / $_{4}$ sec. 16, T.17N., R.22E., Storey County, Hydrologic Unit 16050202, 8.0 mi northeast of Dayton, elevation 5,580 ft. | 10/07/2002 to 09/26/2003 | 8.04 |
| Brunswick Canyon
390726119371901 | Lat 39°07'26", long 119°37'19", in NE ¹ / ₄ SE ¹ / ₄ sec.33, T.15N.,R.20E., Carson City, Hydrologic Unit 16050202, 8.2 mi southeast of Carson City, elevation 6,370 ft. | 10/07/2002 to 09/26/2003 | 7.08 |
| Brunswick Reservoir
391011119395201 | Lat 39°10'11", long 119°39'52", in $NW^1/_4 NE^1/_4$ sec 18, T.15N., R.21E., Carson City, Hydrologic Unit 16050202, 5.4 mi east of Carson City, elevation 5,100 ft. | 10/07/2002 to 09/26/2003 | 5.10 |
| McClellan Peak
391532119420601 | Lat 39°15'32", long 119°42'06", in NE ¹ / ₄ NW ¹ / ₄ sec 14, T.16N.,R.20E., Storey County, Hydrologic Unit 16050202, 3.2 mi northeast of Carson City, elevation 7,410 ft. | 10/07/2002 to 09/26/03 | 7.69 |
| Below Six Mile Canyon
391809119322301 | Lat 39°18'09", long 119°32'23", in $NE^1/_4 NW^1/_4$ sec 23, T.17N., R.22E., Lyon County, Hydrologic Unit 16050202, 5.2 mi northeast of Dayton, elevation 4,370 ft. | 10/01/2002 to 09/30/2003 | 4.48 |
| Churchill Butte
392024119173901 | Lat 39°20'24", long 119°17'39", in $\mathrm{SW}^1/_4\mathrm{NE}^1/$ | | |

DAYTON VALLEY

Water-level data were collected in the Dayton Valley Hydrographic Area as part of a cooperative study with the Carson Water Subconservancy District. The purpose of the study is to determine the hydrologic response to seasonal recharge and to continued development in the area. Water Level Method: S, steel tape; T, electric tape.

The following sites are shown in figure 32.

| | | Well
Depth | Elevation
(Feet
Above Sea | Water Leve
Su | el (Below
erface) | Land |
|----------------------|---------------------|---------------|---------------------------------|--------------------------|----------------------|--------|
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Method |
| 103 N15 E20 01AACD1 | 391129119404801 | 256. | 4898. | 07/23/2003 | 213.5 | T |
| 103 N16 E21 23CCBA1 | 391401119360101 | 416. | 4626.6 | 10/08/2002 | 280.0 | T |
| | | | | 10/30/2002 | 279.6 | T |
| | | | | 12/16/2002 | 278.6 | T |
| | | | | 01/06/2003 | 278.3 | T |
| | | | | 02/05/2003 | 278.3 | T |
| | | | | 03/07/2003 | 278.2 | T |
| | | | | 03/27/2003 | 278.3 | T |
| | | | | 05/13/2003 | 278.2 | T |
| | | | | 07/23/2003 | 278.7 | T |
| 103 N16 E21 24DDBC1 | 301354110343701 | 135. | 4440. | 09/26/2003
10/08/2002 | 280.1
83.35 | T
S |
| 103 N10 E21 24DDBC1 | 391334119343701 | 133. | 4440. | 10/30/2002 | 83.43 | S |
| | | | | 12/16/2002 | 81.45 | S |
| | | | | 01/06/2003 | 81.06 | S |
| | | | | 02/05/2003 | 80.72 | S |
| | | | | 03/14/2003 | 80.66 | S |
| | | | | 03/27/2003 | 80.64 | S |
| | | | | 05/13/2003 | 80.47 | S |
| | | | | 07/23/2003 | 79.28 | S |
| 103 N16 E21 24DDBC2 | 391358119340801 | 162. | 4432.0 | 10/08/2002 | 119.1 | T |
| | | | | 10/30/2002 | 119.4 | T |
| | | | | 12/16/2002 | 116.1 | T |
| | | | | 01/06/2003 | 115.7 | T |
| | | | | 02/05/2003 | 114.9 | T |
| | | | | 03/14/2003 | 113.6 | T |
| | | | | 03/27/2003 | 113.4 | T |
| | | | | 05/13/2003 | 114.8 | T
T |
| | | | | 07/23/2003
09/26/2003 | 118.7
122.57 | S |
| 103 N16 E21 29BCCC1 | 391324119392501 | 222. | 4835. | 10/08/2002 | 64.0 | T |
| 103 1110 E21 27BCCC1 | 371321117372301 | | 1055. | 10/30/2002 | 64.2 | T |
| | | | | 12/16/2002 | 64.1 | T |
| | | | | 01/06/2003 | 64.4 | T |
| | | | | 02/05/2003 | 64.4 | T |
| | | | | 03/07/2003 | 64.4 | T |
| | | | | 03/27/2003 | 64.6 | T |
| | | | | 05/13/2003 | 64.7 | T |
| | | | | 07/23/2003 | 64.8 | T |
| | | | | 09/26/2003 | 65.0 | T |
| 103 N16 E21 30CDBA1 | 391308119401201 | 113. | 4952. | 10/08/2002 | 52.6 | T |
| | | | | 10/30/2002 | 52.8 | T |
| | | | | 12/16/2002 | 52.9 | T |
| | | | | 01/06/2003
02/05/2003 | 53.0
53.0 | T
T |
| | | | | 03/07/2003 | 53.0 | T |
| | | | | 03/27/2003 | 53.1 | T |
| | | | | 05/13/2003 | 53.0 | T |
| | | | | 07/23/2003 | 53.1 | T |
| | | | | 09/26/2003 | 53.4 | T |
| 103 N16 E22 09BCBC2 | 391608119313601 | 600. | 4345.3 | 10/08/2002 | 59.99 | S |
| | | | | 12/16/2002 | 58.47 | S |
| | | | | 01/06/2003 | 58.36 | S |
| | | | | 02/05/2003 | 58.05 | S |
| | | | | 03/14/2003 | 57.98 | S |
| | | | | 03/27/2003 | 58.00 | S |
| | | | | 05/13/2003 | 58.24 | S |
| | | | | 07/23/2003 | 59.39 | S |
| | | | | 09/26/2003 | 59.99 | S |

DAYTON VALLEY--Continued

| | | Well
Depth | Elevation
(Feet
Above Sea | Water Level (Below Land
Surface) | | Land |
|---------------------|---------------------|---------------|---------------------------------|-------------------------------------|--------|----------|
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Method |
| 103 N16 E22 18DDDD1 | 391429119325401 | 273. | 4365. | 10/08/2002 | 74.83 | S |
| | | | | 10/30/2002 | 71.65 | S |
| | | | | 12/16/2002 | 69.23 | S |
| | | | | 01/06/2003 | 68.95 | S |
| | | | | 02/05/2003 | 68.50 | S |
| | | | | 03/14/2003 | 68.95 | S |
| | | | | 03/27/2003 | 72.53 | S |
| | | | | 05/13/2003 | 72.78 | S |
| | | | | 07/23/2003 | 75.44 | S |
| | | | | 09/26/2003 | 71.79 | S |
| 103 N17 E22 28BACA1 | 391853119311201 | 150. | 4393.6 | 10/08/2002 | 108.6 | T |
| | | | | 11/01/2002 | 108.6 | T |
| | | | | 12/16/2002 | 108.2 | T |
| | | | | 01/06/2003 | 108.1 | T |
| | | | | 02/05/2003 | 107.9 | T |
| | | | | 03/14/2003 | 107.8 | T |
| | | | | 03/27/2003 | 107.7 | T |
| | | | | 05/13/2003 | 107.7 | T |
| | | | | 07/23/2003 | 108.4 | T |
| | | | | 09/26/2003 | 108.66 | S |
| 103 N17 E22 30DBCD1 | 391824119331001 | 230. | 4442.9 | 10/08/2002 | 155.7 | T |
| | | | | 10/30/2002 | 155.6 | T |
| | | | | 12/16/2002 | 155.1 | T |
| | | | | 01/06/2003 | 154.9 | T |
| | | | | 02/05/2003 | 154.7 | T |
| | | | | 03/14/2003 | 154.5 | T |
| | | | | 03/27/2003 | 154.4 | T |
| | | | | 05/13/2003 | 154.4 | T |
| | | | | 07/23/2003 | 155.1 | T |
| | | | | 09/26/2003 | 155.70 | S |
| 103 N17 E22 32CADA1 | 391733119321001 | 101. | 4346.5 | 10/08/2002 | 57.4 | T |
| | | | | 10/30/2002 | 57.4 | T |
| | | | | 12/16/2002 | 57.2 | T |
| | | | | 01/06/2003 | 57.0 | T |
| | | | | 02/05/2003 | 56.8 | T |
| | | | | 03/14/2003 | 56.6 | T |
| | | | | 03/17/2003 | 56.64 | S |
| | | | | 03/27/2003 | 56.5 | T |
| | | | | 05/13/2003 | 56.6 | T |
| | | | | 07/23/2003 | 56.8 | T |
| | | | | 09/26/2003 | 57.39 | S |
| 103 N17 E23 01DDBA1 | | 276. | 4455. | 03/27/2003 | 237.5 | T |
| 103 N17 E23 07DDDD1 | 392047119260501 | 386. | 4324.0 | 03/17/2003 | 96.49 | S |
| | | | | 04/02/2003 | 96.49 | S |
| 103 N17 E23 09CCDB1 | 392050119244701 | 82. | 4270.83 | 03/17/2003 | 48.63 | S |
| | | | | 04/02/2003 | 48.68 | S |
| 103 N17 E23 09DAAA1 | 392110119235001 | 84. | 4281.70 | 03/17/2003 | 65.27 | S |
| | | | | 04/02/2003 | 65.31 | <u>S</u> |

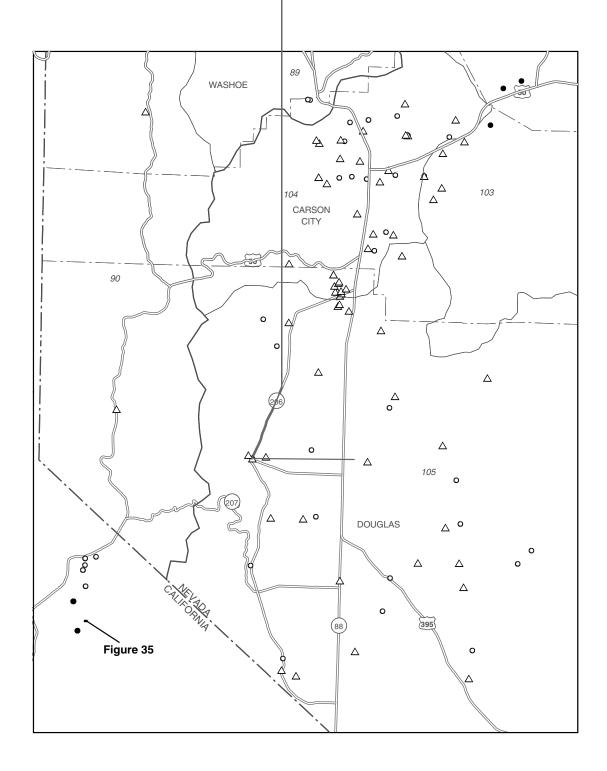


Figure 34. Ground-water sites, western Nevada.

QUALITY OF GROUND WATER

DOUGLAS COUNTY

Water-quality measurements in the following table were made in cooperation with the Carson Water Subconservancy District to establish background information in Douglas County to determine if changes in water quantity and quality occur. <u>Depths and Water Levels:</u> Depths are referenced to land-surface datum (LSD). Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data." The following sites are shown in figure 34.

| | | | | | | Debrii | | |
|-----------------|---------------------|----------|-------------|--------------|------------|-----------|----------|-------------|
| | | | | | Depth | to | pН, | |
| | | | | | of | water | water, | |
| | | | | | well, | level, | unfltrd | |
| | | | | Sample | feet | feet | field, | |
| Station number | Local number | Date | Time | type | below | below | std | |
| | | | | | LSD | LSD | units | |
| | | | | | (72008) | (72019) | (00400) | |
| | | | | | | | | |
| 385255119482301 | 105 N12 E19 23DDD 1 | 09-11-8(|) 18.w(3) 1 | 8.8(01-)18.8 | (8E-)18.8N | VI-1-8(2) | 18.841d. | (-)18.8-0 8 |

QUALITY OF GROUND WATER DOUGLAS COUNTY--Continued

| Date Conduction Conductio | | Specif. | | | | | | | ANC,
wat unf | Alka-
linity, | | | | Residue
on |
|--|----------|---------|---------|---------|---------|---------|--------|--------|-----------------|------------------|--------|--------|----------------|---------------|
| Date Part | | | | | | Magnes- | Potas- | | | | Chlor- | Fluor- | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | Temper- | Temper- | Calcium | _ | | Sodium | | | | | Sulfate | - |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | _ | | | , | , | | | | , | | |
| Part | Date | | | | | | | | | | | | | _ |
| | | 25 deaC | dea C | dea C | mg/L | ma/L | ma/L | ma/L | ٥. | ٥, | ma/L | mg/L | | ma/L |
| 09-11-03 | | | _ | _ | | | | | (90410) | (29801) | | | | |
| 04-09-03 549 23.0 15.0 57.5 22.6 6.02 29.9 170 170 31.6 .10 65.8 430 04-09-03 5 <.01 | | | | | | | | | | | | | | |
| O-9-09-03 | 09-11-03 | 127 | 21.0 | 16.3 | 6.16 | .188 | .77 | 17.3 | 32 | 32 | 1.07 | .8 | 16.3 | 79 |
| 09-02-03 | 04-09-03 | 549 | 23.0 | 15.0 | 57.5 | 22.6 | 6.02 | 29.9 | 170 | 170 | 31.6 | .10 | 65.8 | 430 |
| 09-10-03 | 04-09-03 | | | | <.01 | <.008 | <.10 | E.05 | <2 | | <.20 | .02 | <.2 | <10 |
| 09-08-03 472 24.0 16.4 59.7 11.4 2.29 34.2 212 212 15.0 <.2 25.1 312 04-09-03 282 22.5 16.0 28.8 8.17 3.01 22.8 125 125 4.74 .15 25.9 225 09-03-03 305 23.0 16.4 29.4 8.49 2.91 23.4 126 126 6.01 .2 25.9 231 09-11-03 227 12.4 29.1 6.18 1.40 10.1 109 108 2.61 <.2 2.7 143 08-15-03 164 19.5 13.8 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 3.05 <.2 2.9 136 08-15-03 164 19.5 13.8 3 | 09-02-03 | 586 | 23.0 | 15.1 | 57.4 | 24.4 | 6.22 | 31.7 | 171 | 171 | 32.9 | <.2 | 67.2 | 422 |
| 04-09-03 282 22.5 16.0 28.8 8.17 3.01 22.8 125 125 4.74 1.15 25.9 225 09-03-03 305 23.0 16.4 29.4 8.49 2.91 23.4 126 126 6.01 .2 25.9 231 09-11-03 227 12.4 29.1 6.18 1.40 10.1 109 108 2.61 <.2 2.7 143 08-15-03 164 19.5 13.8 | 09-10-03 | 221 | | 14.9 | 19.0 | 7.92 | 2.37 | 8.88 | 67 | 67 | 4.85 | <.2 | 12.1 | 161 |
| 04-09-03 282 22.5 16.0 28.8 8.17 3.01 22.8 125 125 4.74 1.15 25.9 225 09-03-03 305 23.0 16.4 29.4 8.49 2.91 23.4 126 126 6.01 .2 25.9 231 09-11-03 227 12.4 29.1 6.18 1.40 10.1 109 108 2.61 <.2 2.7 143 08-15-03 164 19.5 13.8 | | | | | | | | | | | | | | |
| 09-03-03 305 23.0 16.4 29.4 8.49 2.91 23.4 126 6.01 .2 25.9 231 09-11-03 227 12.4 29.1 6.18 1.40 10.1 109 108 2.61 <.2 | 09-08-03 | 472 | 24.0 | 16.4 | 59.7 | 11.4 | 2.29 | 34.2 | 212 | 212 | | <.2 | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 04-09-03 | 282 | 22.5 | 16.0 | 28.8 | 8.17 | 3.01 | 22.8 | 125 | 125 | 4.74 | .15 | 25.9 | 225 |
| 08-15-03 164 19.5 13.8 3.05 <.2 | 09-03-03 | 305 | 23.0 | 16.4 | 29.4 | 8.49 | 2.91 | 23.4 | 126 | 126 | 6.01 | .2 | 25.9 | 231 |
| 08-15-03 | | | | | 29.1 | 6.18 | | | | | | | | |
| 09-10-03 219 20.5 18.0 11.9 .936 3.47 25.5 69 69 4.94 .8 17.1 164 09-11-03 303 23.0 13.1 39.6 5.47 2.96 13.5 144 145 1.52 .2 11.2 190 04-09-03 365 16.5 19.5 11.8 1.95 2.32 66.7 140 139 11.1 3.22 22.9 279 09-04-03 403 24.0 20.3 17.6 2.82 2.56 60.5 135 134 19.4 2.5 23.8 281 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-0301 E.003 <1.66 <1.0 <2 <2.0 <2 <2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <2 <2.0 <2 <2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <2 9.89 08-12-03 233 24.0 18.4 10.1 1.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.1 5.03 <1.66 <1.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 | 08-15-03 | 164 | 19.5 | 13.8 | | | | | | | 3.05 | <.2 | 2.9 | 136 |
| 09-10-03 219 20.5 18.0 11.9 .936 3.47 25.5 69 69 4.94 .8 17.1 164 09-11-03 303 23.0 13.1 39.6 5.47 2.96 13.5 144 145 1.52 .2 11.2 190 04-09-03 365 16.5 19.5 11.8 1.95 2.32 66.7 140 139 11.1 3.22 22.9 279 09-04-03 403 24.0 20.3 17.6 2.82 2.56 60.5 135 134 19.4 2.5 23.8 281 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-0301 E.003 <1.66 <1.0 <2 <2.0 <2 <2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <2 <2.0 <2 <2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <2 9.89 08-12-03 233 24.0 18.4 10.1 1.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.1 5.03 <1.66 <1.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-13-03 237 25.0 15.0 | | | | | | | | | | | | | | |
| 09-11-03 303 23.0 13.1 39.6 5.47 2.96 13.5 144 145 1.52 .2 11.2 190 04-09-03 365 16.5 19.5 11.8 1.95 2.32 66.7 140 139 11.1 3.22 22.9 279 09-04-03 403 24.0 20.3 17.6 2.82 2.56 60.5 135 134 19.4 2.5 23.8 281 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 19-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 0.01 E.003 <.16 <.10 <2 <- <- <- <- <- <- <- <- <- <- <- <- | | | | | | | | | | | | | | |
| 04-09-03 365 16.5 19.5 11.8 1.95 2.32 66.7 140 139 11.1 3.22 22.9 279 09-04-03 403 24.0 20.3 17.6 2.82 2.56 60.5 135 134 19.4 2.5 23.8 281 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-0301 E.003 <.16 <.10 <2 <.20 <.2 <.2 <10 <0.09-11-03 141 21.0 14.9 14.8 .080 92 14.4 62 62 1.08 <.2 .9 89 08-15-03 379 22.0 16.7 10.1 1.1 13.2 193 08-13-03 252 25.0 17.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 | | | | | | | | | | | | | | |
| 09-04-03 403 24.0 20.3 17.6 2.82 2.56 60.5 135 134 19.4 2.5 23.8 281 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 <td></td> | | | | | | | | | | | | | | |
| 04-02-03 676 16.0 10.0 33.3 6.29 2.91 103 137 118 61.1 3.58 115 421 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-0301 E.003 <.16 <.10 <2 <.20 <.2 <.2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <.2 .9 89 08-12-03 233 24.0 18.4 10.1 1.1 13.2 193 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 257 25.0 15.0 15.5 15.8 232 08-13-03 265 22.0 14.5 16.4 1.0 13.5 269 08-14-03 199 19.0 17.3 10.3 1.5 15.8 232 08-14-03 199 19.0 17.3 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 | | | | | | | | | | | | | | |
| 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 586 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 -0 .01 E.003 <.16 | 09-04-03 | 403 | 24.0 | 20.3 | 17.6 | 2.82 | 2.56 | 60.5 | 135 | 134 | 19.4 | 2.5 | 23.8 | 281 |
| 09-03-03 652 23.0 16.3 34.2 6.40 2.96 98.2 143 145 59.1 3.2 101 423 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 586 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 -0 .01 E.003 <.16 | | | | | | | | | | | | | | |
| 04-03-03 810 9.5 15.5 50.8 7.20 4.70 71.7 199 197 22.1 1.65 66.8 432 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 .01 E.003 <.16 | | | | | | | | | | | | | | |
| 09-04-03 589 21.0 15.7 50.3 7.24 4.64 67.5 195 200 26.0 1.6 68.4 441 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 -01 E.003 <.16 | | | | | | | | | | | | | | |
| 04-03-03 5360 5.5 286 6.38 6.42 788 193 191 220 6.85 1820 3520 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-03 .01 E.003 <.16 | | | | | | | | | | | | | | |
| 09-04-03 4850 19.5 14.7 560 40.3 11.8 1050 193 177 195 6.2 2570 4590 09-04-0301 E.003 <.16 <.10 <2 <.20 <.2 <.2 <10 09-11-03 141 21.0 14.9 14.8 .080 92 14.4 62 62 1.08 <.2 9 89 08-15-03 379 22.0 16.7 21.9 .5 18.0 298 08-12-03 233 24.0 18.4 9.46 .7 13.0 159 08-12-03 233 24.0 18.4 10.1 1.1 13.2 193 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 15.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 187 22.0 13.8 8.61 8 13.9 158 | | | | | | | | | | | | | | |
| 09-04-0301 E.003 <.16 <.10 <2 <.20 <.2 <.2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <.2 .9 89 08-15-03 379 22.0 16.7 21.9 .5 18.0 298 08-12-03 233 24.0 18.4 10.1 1.1 13.2 193 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 16.4 1.0 13.5 269 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 7.83 .8 12.2 164 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 137 22.0 13.8 8.61 .8 13.9 158 | 04-03-03 | 5360 | 5.5 | | 286 | 6.38 | 6.42 | 788 | 193 | 191 | 220 | 6.85 | 1820 | 3520 |
| 09-04-0301 E.003 <.16 <.10 <2 <.20 <.2 <.2 <10 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <.2 .9 89 08-15-03 379 22.0 16.7 21.9 .5 18.0 298 08-12-03 233 24.0 18.4 10.1 1.1 13.2 193 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 16.4 1.0 13.5 269 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 7.83 .8 12.2 164 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 137 22.0 13.8 8.61 .8 13.9 158 | 00 04 03 | 4050 | 10 E | 14 7 | EGO | 40.2 | 11 0 | 1050 | 102 | 177 | 105 | 6.2 | 2570 | 4500 |
| 09-11-03 141 21.0 14.9 14.8 .080 .92 14.4 62 62 1.08 <.2 | | | | | | | | | | | | | | |
| 08-15-03 379 22.0 16.7 21.9 .5 18.0 298 08-12-03 233 24.0 18.4 9.46 .7 13.0 159 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-14-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-12-03 268 25.0 14.5 <td></td> | | | | | | | | | | | | | | |
| 08-12-03 233 24.0 18.4 9.46 .7 13.0 159 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 | | | | | | | | | | | | | | |
| 08-13-03 252 25.0 17.0 10.1 1.1 13.2 193 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 132 20.0 14.5 8.61 .8 13.9 158 | | | | | | | | | | | | | | |
| 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | 00 12 03 | 255 | 21.0 | 10.1 | | | | | | | 5.40 | • * | 13.0 | 133 |
| 08-13-03 237 25.0 15.0 10.3 1.5 15.8 232 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 10.3 1.0 11.5 247 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | 08-13-03 | 252 | 25.0 | 17.0 | | | | | | | 10.1 | 1.1 | 13.2 | 193 |
| 08-15-03 317 19.0 15.2 16.4 1.0 13.5 269 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 2.77 .4 3.6 128 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | | | | | | | | | | | |
| 08-13-03 265 22.0 14.5 13.5 2.0 33.4 227
08-14-03 199 19.0 17.3 7.83 .8 12.2 164
08-14-03 634 16.8 57.5 .6 41.6 469
08-12-03 268 25.0 14.5 10.3 1.0 11.5 247
08-14-03 132 20.0 14.4 2.77 .4 3.6 128
08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | | | | | | | | | | | |
| 08-14-03 199 19.0 17.3 7.83 .8 12.2 164 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 2.77 .4 3.6 128 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | | | | | | | | | | | |
| 08-14-03 634 16.8 57.5 .6 41.6 469 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247 08-14-03 132 20.0 14.4 2.77 .4 3.6 128 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | | | | | | | | | | | |
| 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247
08-14-03 132 20.0 14.4 2.77 .4 3.6 128
08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | | | | | | | | | | · - | - |
| 08-12-03 268 25.0 14.5 10.3 1.0 11.5 247
08-14-03 132 20.0 14.4 2.77 .4 3.6 128
08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | 08-14-03 | 634 | 16.8 | | | | | | | | 57.5 | .6 | 41.6 | 469 |
| 08-13-03 187 22.0 13.8 8.61 .8 13.9 158 | | | | 14.5 | | | | | | | | | | |
| | 08-14-03 | 132 | 20.0 | 14.4 | | | | | | | 2.77 | .4 | 3.6 | 128 |
| | 08-13-03 | 187 | 22.0 | 13.8 | | | | | | | 8.61 | .8 | 13.9 | 158 |
| | 08-13-03 | 318 | 22.0 | 21.9 | | | | | | | 13.0 | .6 | 15.3 | 225 |

QUALITY OF GROUND WATER DOUGLAS COUNTY--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | | Nitrite | | Ortho-
phos- | |
|----------|---------|---------|---------|-----------------|---------|
| | Ammonia | nitrate | Nitrite | phate, | |
| | water, | water | water, | water, | Iron, |
| | fltrd, | fltrd, | fltrd, | fltrd, | water, |
| Date | mg/L | mg/L | mg/L | mg/L | fltrd, |
| | as N | as N | as N | as P | ug/L |
| | (00608) | (00631) | (00613) | (00671) | (01046) |
| 09-11-03 | <.015 | .041 | <.002 | .016 | 9 |
| 04-09-03 | <.04 | 11.1 | <.008 | .04 | E9 |
| 04-09-03 | <.04 | <.06 | <.008 | <.02 | <10 |
| 09-02-03 | <.04 | 10.8 | <.008 | .04 | <8 |
| 09-10-03 | <.015 | 4.61 | <.002 | .091 | 9 |
| 09-08-03 | <.015 | 1.85 | <.002 | .125 | <8 |
| 04-09-03 | <.015 | 1.06 | <.002 | .059 | E5 |
| 09-03-03 | <.015 | 1.37 | <.002 | .062 | <8 |
| 09-11-03 | <.015 | 1.70 | <.002 | .069 | 13 |
| 08-15-03 | <.04 | 1.01 | <.008 | E.02 | |
| 08-15-03 | <.04 | <.06 | <.008 | <.18 | |
| 09-10-03 | E.010 | <.022 | <.002 | .030 | 16 |
| 09-11-03 | <.015 | .182 | <.002 | .019 | E4 |
| 04-09-03 | <.015 | 1.04 | <.002 | <.007 | <10 |
| 09-04-03 | <.015 | 2.12 | <.002 | <.007 | E4 |
| 04-02-03 | .043 | .546 | <.002 | .147 | 20 |
| 09-03-03 | .033 | .555 | <.002 | .121 | E8 |
| 04-03-03 | <.015 | 5.78 | <.002 | .022 | <10 |
| 09-04-03 | <.015 | 2.08 | <.002 | .021 | <8 |
| 04-03-03 | .231 | | .048 | | 10800 |
| 09-04-03 | .320 | <.022 | <.002 | .157 | 8710 |
| 09-04-03 | <.015 | <.022 | <.002 | <.007 | <8 |
| 09-11-03 | <.015 | 1.24 | <.002 | E.006 | |
| 08-15-03 | <.04 | 4.57 | <.008 | <.18 | |
| 08-12-03 | <.04 | .15 | .015 | E.02 | |
| 08-13-03 | <.04 | 1.71 | .032 | <.02 | |
| 08-13-03 | <.04 | 1.11 | <.008 | E.01 | |
| 08-15-03 | <.04 | 7.10 | <.008 | .07 | |
| 08-13-03 | <.04 | <.06 | <.008 | .04 | |
| 08-14-03 | <.04 | 1.82 | <.008 | .04 | |
| 08-14-03 | <.04 | 20.7 | <.008 | .16 | |
| 08-12-03 | <.04 | 5.39 | <.008 | E.02 | |
| 08-14-03 | <.04 | 2.12 | <.008 | .03 | |
| 08-13-03 | <.04 | 1.31 | <.008 | <.18 | |
| 08-13-03 | <.04 | 5.91 | <.008 | .02 | |

Remark codes used in this report: < -- Less than E -- Estimated value

DOUGLAS COUNTY

Water Level Status--O, well obstructed; R, site had been pumped recently; V, foreign substance was present on the surface of the water.

Water Level Method--S, steel tape; G, pressure gage; T, electric tape.

The following sites are shown in figure 34.

| | | Well | Elevation
(Feet | Water L | Water Level (Below Land Surface) | | | | | |
|---------------------|---------------------|-----------------|---------------------|------------|----------------------------------|--------|--------|--|--|--|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | (Feet) | Status | Method | | | |
| 105 N12 E19 23BDBA1 | 385329119490501 | 305. | 4800. | 03/19/2003 | 8.18 | | S | | | |
| 105 N12 E20 04BAAA2 | 385620119453101 | 21. | 4755. | 03/19/2003 | 9.9 | | T | | | |
| 105 N12 E20 09BCAD1 | 385512119444801 | 450. | 4769. | 03/18/2003 | 30.11 | | S | | | |
| 105 N12 E20 13DDBB1 | 385413119405001 | 250. | 5000. | 05/13/2003 | 162.96 | R | S | | | |
| 105 N13 E19 09DAAB1 | 390016119504101 | 159. | 4776. | 03/19/2003 | 48 | | T | | | |
| 105 N13 E19 12BBAD1 | 390037119480701 | 400. | 4667. | 03/19/2003 | -10.2 | | G | | | |
| 105 N13 E19 24CADD1 | 385821119475001 | 401. | 4685. | 03/19/2003 | -10.4 | | G | | | |
| 105 N13 E19 33DADD1 | 385637119503701 | 80. | 4765. | 03/19/2003 | 25.3 | | T | | | |
| 105 N13 E20 14AADA1 | 385944119414501 | 301. | 4890. | 12/10/2002 | 111.62 | | S | | | |
| | | | | 04/01/2003 | 112.03 | | S | | | |
| | | | | 06/24/2003 | 112.68 | | S | | | |
| | | | | 09/30/2003 | 113.21 | | S | | | |
| 105 N13 E20 23DDDA1 | 385815119413101 | 392. | 4885. | 12/10/2002 | 92.47 | | S | | | |
| | | | | 04/01/2003 | 92.7 | | S | | | |
| | | | | 06/24/2003 | | O | | | | |
| 105 N13 E21 28CCBC1 | 385724119382301 | 95. | 5160. | 03/19/2003 | 66.97 | | S | | | |
| 105 N13 E21 32BDAD1 | 385657119385801 | 608. | 5141. | 12/10/2002 | 39.43 | | S | | | |
| | | | | 03/19/2003 | 39.3 | | T | | | |
| | | | | 06/24/2003 | 41.04 | R | S | | | |
| | | | | 09/30/2003 | 43.62 | | S | | | |
| 105 N14 E19 15BBAB1 | 390501119502401 | 240. | 5138. | 03/19/2003 | 29.4 | | T | | | |
| 105 N14 E19 22ABAD1 | 390407119494601 | 44. | 5051. | 03/19/2003 | 14.02 | | S | | | |
| 105 N14 E20 33BCDA1 | 390208119444601 | 218. | 4683. | 03/19/2003 | 4.7 | V | S | | | |

QUALITY OF WATER

DRY VALLEY

Water-quality measurements in the following table were made in cooperation with Washoe County to collect water-quality data in Dry Valley. Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 30.

| Station:
395523119
395620119
395657119
395704119
395734119
395737119 | 553901
590901
571601
564501
595503 | 095 Ni
095 Ni
095 Ni
095 Ni | 18 E24 26;
24 E18 17;
24 E18 15;
24 E18 15;
24 E18 07; | DCCD1 SEV
BACC1 DV-
ABAC1 SPR
DAAC3 OBS | SE OF GO | SPRING
DV-1
LLOW | 0
0
0
0 | Date 1-23-03 1-23-03 6-25-03 1-23-03 5-07-03 5-14-03 | 1030 1
1000 1
1200 1
1130 1 | Sample
type
ENVIRONMEN
ENVIRONMEN
ENVIRONMEN
ENVIRONMEN
ENVIRONMEN | TAL TAL 20. TAL TAL 40. | f water 1, level 2 feet below D LSD 08) (72019 9.09 - 5.90 | Flow rate, instan-v taneous gal/min (00059) |
|--|--|---|--|---|--|--|--|---|--|--|---|--|---|
| 333737113 | 333301 | 055 14 | 24 110 07 | DATEDI ODE | , 300 DEEL | | Ü | J 11 03 | 1215 | in v incommin | IAL 303 | . 10.1 | 1.0 |
| Date | Baro- metri pres- sure, mm Hg | c Dis-
solve
oxygen
g mg/l | ed percent, of said | ed water n, unfltr nt field t- std on units | d tance
l, wat un
uS/cm
s 25 deg | e, Tempe: if ature in air gC deg (| e, atur
, wate
C deg | e, wate
r, flt:
C mg, | er, wa
rd, fl
/L m | um, siu
ter, wat
trd, flt | er, wate
rd, flt:
/L mg/ | er, field
rd, mg/L a
/L CaCO3 | y, bonate, t wat flt it incrm. d, titr., as field, mg/L |
| 01-23-03
01-23-03 | | 5.2
11.5 | | 7.4
7.6 | 380
260 | 13.0
13.0 | 9.0
9.5 | | | .86 3.7
.6 1.9 | | | 151
162 |
| 06-25-03 | 653 | 5.6 | 70 | 7.5 | 528 | | 18.5 | 35.3 | 3 20 | .2 2.0 | 0 53.4 | 1 210 | 256 |
| 01-23-03
05-07-03 | 645 | 5.6
.1 | | 6.7
7.4 | 339
530 | 13.0
9.5 | 13.0
12.5 | | | .33 2.0
.75 2.4 | | | 156
253 |
| 05-14-03 | 645 | .2 | 2 | 7.4 | 435 | 24.0 | 15.5 | | | | | | 232 |
| 01-:
01-:
06-:
01-:
05- | | Carbon-
ate,
wat flt
incrm.
titr.,
field,
mg/L
(00452)
<1
<1
<1
<1
<1 | Bromide water, fltrd, mg/L (71870) .16 .04 .17 .08 .12 .09 | Chloride, water, fltrd, mg/L (00940) 23.1 3.07 19.6 10.8 14.8 10.4 | Fluor- ide, water, fltrd, mg/L (00950) .25 <.17 .5 .40 .37 .23 | Silica,
water,
fltrd,
mg/L
(00955)
48.7
47.2
55.8
57.0
46.1
62.9 | Sulfate water, fltrd, mg/L (00945) 29.4 4.5 20.0 23.1 29.8 15.8 | Residue
on
evap.
at
180degC
wat flt
mg/L
(70300)
268
187
347
254
353
303 | Ammonia + org-N water fltrd mg/L as N (00623 . 23 E . 05 E . 07 . 13 . 24 < . 10 | Ammonia
water,
fltrd,
mg/L
as N | Nitrite + nitrate water fltrd, mg/L as N (00631) E.04 1.31 .94 .83 <.06 .80 | Nitrite
water,
fltrd,
mg/L
as N
(00613)
<.008
<.008
E.005
<.008
<.008
E.005 | Ortho-
phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.46
.04
.17
.11
4.26
.12 |
| Date | Alum-
inum,
water
fltrd
ug/I
(01106 | mony
, wate:
l, fltro
ug/l | Arseni
r, wate
d, fltro
L ug/l | r, water
d, fltrd
L ug/I | , water
l, fltrd
ug/I | Boron
f, water
d, fltre
ug/l | r, wate
d, fltr
L ug/ | r, wate
d, flt:
L ug, | m, Col
er, wa
rd, fl
/L u | palt Copr
cer, wat
crd, flt
cg/L ug
035) (010 | er, wate
rd, flt:
/L ug/ | er, water
rd, fltro
/L ug/I | , water,
d, fltrd,
ug/L |
| 01-23-03 | 3 | E.19 | 6.3 | 10 | <.06 | 62 | E.02 | | | | 4 <10 | | 16.3 |
| 01-23-03
06-25-03 | 2
M | <.30
E.17 | 1.8
5.0 | 14
50 | <.06
<.06 | 14
52 | <.04
E.03 | | | 08 .
23 5. | 4 <10
5 <8 | | 2.1 |
| 01-23-03 | E1 | <.30 | 9.4 | 5 | <.06 | 395 | .07 | <.8 | в .: | LO . | 4 <10 | <.08 | 37.3 |
| 05-07-03
05-14-03 | 2
E1 | .35
<.30 | 6.9
7.5 | 48
39 | <.06
<.06 | 59
33 | .04 | | | | 6 19
6 <10 | | 1.6
.6 |
| | ate | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen- | Silver,
water,
fltrd,
ug/L
(01075) | Stront-
ium,
water,
fltrd,
ug/L
(01080) | Thall-
ium,
water,
fltrd,
ug/L
(01057) | Vanadium, water fltrd ug/L (01085 | Zinc,
water,
fltrd,
ug/L | Deu-
terium/
Protium
ratio,
water,
unfltrd
per mil
(82082) | O-18 /
O-16
ratio,
water,
unfltrd
per mil
(82085) | Uranium
natural
water,
fltrd,
ug/L
(22703) |

DRY VALLEY

Water-level data were collected in the Dry Valley area, north-central Nevada as part of a water-resources investigation in cooperation with Washoe County. The purposes of the study are to estimate natural ground-water discharge and characterize the quality of ground water in Dry Valley.

Water Level Status: S, nearby pumping.

Water Level Method: R, reported; S, steel tape; T, electric tape.

Water Level Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot;

2, water level accurate to the nearest one-hundreth of a foot.

The following sites are shown in figure 30.

| | | Well
Depth | Elevation
(Feet
Above Sea | | | | | | |
|---------------------|---------------------|---------------|---------------------------------|------------|--------|--------|--------|----------|--|
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method | Accuracy | |
| 024N017E01F01M | 395740120012601 | | 4370. | 03/06/2003 | 16.02 | | S | 2 | |
| | | | | 03/28/2003 | 15.94 | | S | 2 | |
| | | | | 05/05/2003 | 16.01 | | S | 2 | |
| | | | | 06/19/2003 | 15.90 | | S | 2 | |
| | | | | 08/14/2003 | 16.43 | | S | 2 | |
| | | | | 11/20/2003 | 16.84 | | S | 2 | |
| | | | | 01/30/2004 | 16.78 | | S | 2 | |
| 024N018E06H01M | 395832119595901 | | 4544. | 01/07/2003 | 116.55 | | T | 1 | |
| 024110102001101111 | 3/303211/3/3/01 | | 7377. | 03/06/2003 | 116.55 | | T | 1 | |
| | | | | | | | S | 2 | |
| | | | | 05/05/2003 | 117.89 | | | | |
| | | | | 06/19/2003 | 118.07 | | S | 2 | |
| | | | | 08/14/2003 | 116.55 | | T | 1 | |
| | | | | 11/20/2003 | 113.40 | | T | 1 | |
| | | | | 01/30/2004 | 114.23 | | T | 1 | |
| 024N018E07D01M | 395748120004601 | | 5382.3 | 01/07/2003 | 6.77 | | T | 1 | |
| | | | | 03/06/2003 | 6.89 | | T | 1 | |
| | | | | 05/05/2003 | 6.86 | | S | 2 | |
| | | | | 06/19/2003 | 7.12 | | S | 2 | |
| | | | | 08/14/2003 | 7.61 | | T | 1 | |
| | | | | 11/20/2003 | 7.28 | | T | 1 | |
| | | | | 01/30/2004 | 7.12 | | T | 1 | |
| 024N018E07J01M | 395734119595601 | 440. | 4406.4 | 11/19/2002 | 11.40 | | T | 1 | |
| | | | | 12/19/2002 | 11.05 | | T | 1 | |
| | | | | 12/23/2002 | 10.98 | | T | 1 | |
| | | | | 12/30/2002 | 10.91 | | T | 1 | |
| | | | | 01/07/2003 | 10.75 | | T | 1 | |
| | | | | 01/21/2003 | 10.65 | | T | 1 | |
| | | | | 01/23/2003 | 11.24 | | T | 1 | |
| | | | | 03/06/2003 | 10.48 | | T | 1 | |
| | | | | | | | T | 1 | |
| | | | | 03/28/2003 | 10.55 | | | | |
| | | | | 05/01/2003 | 10.96 | | T | 1 | |
| | | | | 05/14/2003 | 10.69 | | T | 1 | |
| | | | | 07/08/2003 | 12.19 | | T | 1 | |
| | | | | 07/10/2003 | 13.45 | | T | 1 | |
| | | | | 08/14/2003 | 12.92 | | T | 1 | |
| | | | | 11/20/2003 | 11.70 | | S | 2 | |
| | | | | 01/30/2004 | 11.56 | | T | 1 | |
| 095 N24 E18 07ADAB1 | 395747119595401 | 140. | 4403.8 | 11/13/2002 | 9.00 | | R | 0 | |
| | | | | 11/19/2002 | 6.11 | | T | 1 | |
| | | | | 12/19/2002 | 3.23 | | T | 1 | |
| | | | | 12/23/2002 | 3.20 | | T | 1 | |
| | | | | 12/30/2002 | 3.12 | | T | 1 | |
| | | | | 01/07/2003 | 2.95 | | T | 1 | |
| | | | | 01/21/2003 | 2.80 | | T | 1 | |
| | | | | 01/22/2003 | 2.81 | | T | 1 | |
| | | | | 01/22/2003 | 2.80 | | T | 1 | |
| | | | | 01/23/2003 | 2.81 | | T | 1 | |
| | | | | 02/12/2003 | 2.65 | | T | 1 | |
| | | | | 03/06/2003 | 2.56 | | T | 1 | |
| | | | | 03/00/2003 | 2.52 | | T | 1 | |
| | | | | 05/28/2003 | 2.52 | | T | 1 | |
| | | | | 05/01/2003 | 2.50 | | | | |
| | | | | | | | T | 1 | |
| | | | | 05/14/2003 | 2.63 | | T | 1 | |

| | | Well | Elevation
(Feet | Water Level (Below Land Surface) | | | | | | |
|----------------------|---------------------|------|---------------------|----------------------------------|----------------|--------|--------|----------|--|--|
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method | Accuracy | | |
| 095 N24 E18 07ADAB1 | 395747119595401 | 140. | 4403.8 | 06/19/2003 | 2.95 | | S | 2 | | |
| | | | | 07/01/2003 | 3.08 | | T | 1 | | |
| | | | | 07/08/2003 | 3.20 | | T | 1 | | |
| | | | | 08/14/2003 | 3.74 | | T | 1 | | |
| | | | | 11/20/2003 | 3.91 | | T | 1 | | |
| 005 NO4 E19 07DA AD1 | 205727110505501 | 205 | 4401.0 | 01/30/2004 | 3.57 | | T
R | 1
0 | | |
| 095 N24 E18 07DAAB1 | 393737119393301 | 385. | 4401.9 | 11/10/2002
11/14/2002 | 9.00
10.37 | | K
T | 1 | | |
| | | | | 11/14/2002 | 10.57 | | T | 1 | | |
| | | | | 12/19/2002 | 10.20 | | T | 1 | | |
| | | | | 12/23/2002 | 10.12 | | T | 1 | | |
| | | | | 12/30/2002 | 10.10 | | T | 1 | | |
| | | | | 01/07/2003 | 9.88 | | T | 1 | | |
| | | | | 01/21/2003 | 9.79 | | T | 1 | | |
| | | | | 01/22/2003 | 9.81 | | T | 1 | | |
| | | | | 01/23/2003 | 10.70 | | T | 1 | | |
| | | | | 02/12/2003 | 9.71 | | T | 1 | | |
| | | | | 03/06/2003 | 9.76 | | T | 1 | | |
| | | | | 03/28/2003 | 8.80 | | T | 1 | | |
| | | | | 05/01/2003 | 10.25 | | T | 1 | | |
| | | | | 05/01/2003 | 10.25 | a | T | 1 | | |
| | | | | 05/01/2003 | 10.28 | S | T | 1 | | |
| | | | | 05/01/2003
05/01/2003 | 10.78
12.59 | S
S | T
T | 1
1 | | |
| | | | | 05/01/2003 | 15.52 | S | T | 1 | | |
| | | | | 05/01/2003 | 14.03 | S | T | 1 | | |
| | | | | 05/14/2003 | 10.14 | b | T | 1 | | |
| | | | | 06/19/2003 | 11.25 | | S | 2 | | |
| | | | | 07/01/2003 | 10.43 | | T | 1 | | |
| | | | | 07/08/2003 | 10.90 | | T | 1 | | |
| | | | | 07/10/2003 | 12.57 | | T | 1 | | |
| | | | | 07/10/2003 | 12.19 | S | T | 1 | | |
| | | | | 07/10/2003 | 12.26 | S | T | 1 | | |
| | | | | 07/10/2003 | 12.44 | S | T | 1 | | |
| | | | | 07/16/2003 | 8.19 | | T | 1 | | |
| | | | | 08/14/2003 | 11.67 | S | T | 1 | | |
| | | | | 11/20/2003 | 10.69 | | T | 1 | | |
| 005 N24 E19 07DA AD2 | 205727110505502 | 150 | 4401.0 | 01/30/2004 | 10.39
9.00 | | T
R | 1
0 | | |
| 095 N24 E18 07DAAB2 | 393737119393302 | 150. | 4401.9 | 11/10/2002
11/14/2002 | 7.62 | | T | 1 | | |
| | | | | 11/19/2002 | 7.45 | | T | 1 | | |
| | | | | 12/19/2002 | 6.48 | | T | 1 | | |
| | | | | 12/23/2002 | 6.35 | | T | 1 | | |
| | | | | 12/30/2002 | 6.28 | | T | 1 | | |
| | | | | 01/07/2003 | 6.08 | | T | 1 | | |
| | | | | 01/21/2003 | 5.76 | | T | 1 | | |
| | | | | 01/22/2003 | 5.77 | | T | 1 | | |
| | | | | 01/23/2003 | 6.53 | | T | 1 | | |
| | | | | 02/12/2003 | 5.50 | | T | 1 | | |
| | | | | 03/06/2003 | 4.95 | | T | 1 | | |
| | | | | 03/28/2003 | 4.50 | C | T | 1 | | |
| | | | | 05/01/2003 | 5.03 | S | T | 1 | | |
| | | | | 05/01/2003
05/01/2003 | 5.04
5.24 | S
S | T
T | 1
1 | | |
| | | | | 05/01/2003 | 5.05 | S | T | 1 | | |
| | | | | 05/01/2003 | 5.73 | S | T | 1 | | |
| | | | | 05/01/2003 | 5.04 | 5 | T | 1 | | |
| | | | | 05/01/2003 | 5.04 | | T | 1 | | |
| | | | | 05/14/2003 | 6.97 | | T | 1 | | |
| | | | | 06/19/2003 | 7.10 | | S | 1 | | |
| | | | | 0=10412000 | | | - | | | |
| | | | | 07/01/2003 | 7.24 | | T | 1 | | |

| | | Well
Depth | Elevation
(Feet
Above Sea | | evel (Belov | el (Below Land Surface) | | | |
|----------------------|---------------------|---------------|---------------------------------|--------------------------|----------------|-------------------------|--------|----------|--|
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method | Accuracy | |
| 095 N24 E18 07DAAB2 | 395737119595502 | 150. | 4401.9 | 07/10/2003 | 7.91 | S | T | 1 | |
| | | | | 07/10/2003 | 7.95 | | T | 2 | |
| | | | | 07/10/2003 | 7.92 | S | T | 1 | |
| | | | | 07/10/2003 | 7.90 | S | T | 1 | |
| | | | | 07/16/2003 | 11.00 | | T | 1 | |
| | | | | 08/14/2003 | 9.71 | S | T | 1 | |
| | | | | 11/20/2003 | 7.38 | | T | 1 | |
| 005 NOA E19 07DA AC1 | 205724110505501 | 5.17 | 4404.2 | 01/30/2004
11/05/2002 | 7.01
16.00 | | T | 0 | |
| 095 N24 E18 07DAAC1 | 393/34119393301 | 547. | 4404.3 | 11/05/2002 | 33.40 | | R
T | 1
1 | |
| | | | | 11/09/2002 | 38.70 | | T | 1 | |
| | | | | 11/11/2002 | 17.49 | | T | 1 | |
| | | | | 11/14/2002 | 15.40 | | T | 1 | |
| | | | | 11/19/2002 | 15.06 | | T | 1 | |
| | | | | 12/03/2002 | 20.76 | | T | 1 | |
| | | | | 12/19/2002 | 19.43 | | T | 1 | |
| | | | | 12/23/2002 | 19.37 | | T | 1 | |
| | | | | 12/30/2002 | 19.26 | | T | 1 | |
| | | | | 01/07/2003 | 19.07 | | T | 1 | |
| | | | | 01/21/2003 | 16.39 | | T | 1 | |
| | | | | 01/22/2003 | 17.39 | | T | 1 | |
| | | | | 01/23/2003 | 17.30 | | T | 1 | |
| | | | | 02/12/2003 | 17.24 | | T | 1 | |
| | | | | 03/06/2003 | 17.09 | | T | 1 | |
| | | | | 03/28/2003 | 17.04 | | T | 1 | |
| | | | | 05/01/2003 | 18.23 | S | T | 1 | |
| | | | | 05/01/2003 | 18.37 | S | T | 1 | |
| | | | | 05/01/2003 | 17.10 | | T | 1 | |
| | | | | 05/01/2003 | 17.10 | | T | 1 | |
| | | | | 05/01/2003 | 17.13 | S | T | 1 | |
| | | | | 05/01/2003 | 18.95 | S | T | 2 | |
| | | | | 05/01/2003 | 17.10 | S | T | 1 | |
| | | | | 05/14/2003
06/19/2003 | 16.93 | | T
S | 1
1 | |
| | | | | 07/08/2003 | 16.87
16.98 | | S
T | 1 | |
| | | | | 07/10/2003 | 16.93 | | T | 1 | |
| | | | | 08/14/2003 | 17.04 | S | T | 0 | |
| | | | | 11/20/2003 | 17.19 | 5 | T | 1 | |
| | | | | 01/30/2004 | 16.69 | | T | 1 | |
| 095 N24 E18 07DAAC2 | 395734119595502 | 250. | 4404.3 | 11/05/2002 | 13.00 | | R | 1 | |
| | | | | 11/09/2002 | 11.90 | | T | 1 | |
| | | | | 11/11/2002 | 12.20 | | T | 1 | |
| | | | | 11/12/2002 | 15.20 | | T | 1 | |
| | | | | 11/14/2002 | 11.91 | | T | 1 | |
| | | | | 11/19/2002 | 12.46 | | T | 1 | |
| | | | | 12/19/2002 | 8.45 | | T | 1 | |
| | | | | 12/23/2002 | 8.44 | | T | 1 | |
| | | | | 12/30/2002 | 8.43 | | T | 1 | |
| | | | | 01/07/2003 | 8.18 | | T | 1 | |
| | | | | 01/22/2003 | 7.75 | | T | 1 | |
| | | | | 01/23/2003 | 8.66 | | T | 1 | |
| | | | | 02/12/2003 | 7.51 | | T | 1 | |
| | | | | 03/06/2003 | 7.51 | | T | 1 | |
| | | | | 03/28/2003 | 7.53 | ~ | T | 1 | |
| | | | | 05/01/2003 | 11.16 | S | T | 1 | |
| | | | | 05/01/2003 | 8.21 | | T | 1 | |
| | | | | 05/01/2003 | 8.21 | C | T | 1 | |
| | | | | 05/01/2003 | 8.26 | S | T | 1 | |
| | | | | 05/01/2003 | 9.83 | S
S | T
T | 1
1 | |
| | | | | 05/01/2003
05/01/2003 | 12.58
8.53 | S
S | T | 2 | |
| | | | | | | 3 | | 1 | |
| | | | | 05/14/2003 | 9.32 | | T | 1 | |

| | | | Well
Denth | Elevation
(Feet
Above Sea | Water Level (Below Land Surface) | | | | | |
|-----|-----------------|---------------------|---------------|---------------------------------|----------------------------------|--------------|--------|--------|----------|--|
| | Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method | Accuracy | |
| 095 | N24 E18 07DAAC2 | 395734119595502 | 250. | 4404.3 | 06/19/2003 | 13.87 | | S | 1 | |
| | | | | | 07/08/2003 | 12.71 | | T | 1 | |
| | | | | | 07/10/2003 | 15.44 | | T | 1 | |
| | | | | | 08/14/2003 | 14.59 | S | T | 1 | |
| | | | | | 11/20/2003 | 11.92 | | T | 1 | |
| | | | | | 01/30/2004 | 11.57 | | T | 1 | |
| 095 | N24 E18 07DAAC3 | 395734119595503 | 40. | 4405.8 | 11/05/2002 | 8.00 | | R | 1 | |
| | | | | | 11/09/2002 | 5.3 | | T | 1 | |
| | | | | | 11/11/2002 | 5.7 | | T | 1 | |
| | | | | | 11/12/2002 | 8.66 | | T | 1 | |
| | | | | | 11/14/2002 | 6.94 | | T | 1 | |
| | | | | | 11/19/2002 | 6.94 | | T | 1 | |
| | | | | | 12/19/2002 | 6.12 | | T | 2 | |
| | | | | | 12/23/2002
12/30/2002 | 6.02
5.90 | | T
T | 1
1 | |
| | | | | | 01/07/2003 | 5.83 | | T | 2 | |
| | | | | | 01/07/2003 | 5.74 | | T | 1 | |
| | | | | | 01/22/2003 | 5.72 | | T | 1 | |
| | | | | | 01/23/2003 | 6.05 | | T | 1 | |
| | | | | | 02/12/2003 | 5.64 | | T | 1 | |
| | | | | | 03/06/2003 | 5.60 | | T | 1 | |
| | | | | | 03/28/2003 | 5.55 | | T | 1 | |
| | | | | | 05/01/2003 | 5.75 | S | T | 1 | |
| | | | | | 05/01/2003 | 5.68 | S | T | 1 | |
| | | | | | 05/01/2003 | 5.88 | S | T | 1 | |
| | | | | | 05/01/2003 | 5.78 | S | T | 1 | |
| | | | | | 05/01/2003 | 5.96 | S | T | 1 | |
| | | | | | 05/01/2003 | 5.58 | | T | 1 | |
| | | | | | 05/01/2003 | 5.58 | | T | 1 | |
| | | | | | 05/14/2003
06/19/2003 | 6.05
6.79 | | T
S | 1
1 | |
| | | | | | 07/08/2003 | 6.83 | | T | 1 | |
| | | | | | 07/10/2003 | 7.43 | | T | 1 | |
| | | | | | 08/14/2003 | 7.46 | S | T | 1 | |
| | | | | | 11/20/2003 | 7.15 | ~ | T | 1 | |
| | | | | | 01/30/2004 | 6.75 | | T | 1 | |
| 095 | N24 E18 08ACCC1 | 395739119591401 | 23. | 4415.2 | 10/21/2002 | 7.85 | | T | 1 | |
| | | | | | 11/19/2002 | 7.39 | | T | 1 | |
| | | | | | 01/07/2003 | 6.39 | | T | 1 | |
| | | | | | 01/21/2003 | 6.12 | | T | 1 | |
| | | | | | 01/22/2003 | 6.11 | | T | 1 | |
| | | | | | 02/12/2003 | 5.92 | | T | 2 | |
| | | | | | 03/06/2003 | 5.75 | | T | 2 | |
| | | | | | 03/28/2003 | 5.70 | | T | 2 | |
| | | | | | 05/05/2003
05/07/2003 | 5.65
5.65 | | S
T | 2 2 | |
| | | | | | 05/07/2003 | 5.65 | | T | 2 | |
| | | | | | 06/19/2003 | 6.52 | | S | 2 | |
| | | | | | 08/14/2003 | 7.94 | | T | 1 | |
| | | | | | 11/20/2003 | 7.94 | | T | 1 | |
| | | | | | 01/30/2004 | 7.40 | | T | 1 | |
| 095 | N24 E18 08CBAA1 | 395736119593501 | 44. | 4408.7 | 11/19/2002 | 3.38 | | T | 2 | |
| | | | | | 12/30/2002 | 2.66 | | T | 2 | |
| | | | | | 01/07/2003 | 2.43 | | T | 1 | |
| | | | | | 03/06/2003 | 2.28 | | T | 1 | |
| | | | | | 05/01/2003 | .98 | | T | 1 | |
| | | | | | 08/14/2003 | 3.39 | | T | 1 | |
| | | | | | 11/20/2003 | 3.82 | | T | 1 | |
| 00- | NA E10 000E | 205525110502101 | ,, | 4400 : | 01/30/2004 | 3.28 | | T | 1 | |
| 095 | N24 E18 08CBAA2 | 395/35119593401 | 41. | 4408.4 | 11/19/2002 | 3.20 | | T | 2 | |
| | | | | | 12/19/2002 | 2.70 | | T | 2 | |
| | | | | | 12/30/2002 | 2.33 | | T | 1 | |

| | | | Well | Elevation
(Feet
Above Sea
Level) | Water Level (Below Land Surface) | | | | | | |
|-----|------------------|---------------------|------|---|----------------------------------|----------------|--------|--------|----------|--|--|
| | Local Well No | Site Identification | | | Date | (Feet) | Status | Method | Accuracy | | |
| 095 | N24 E18 08CBAA2 | 395735119593401 | 41. | 4408.4 | 01/07/2003 | 2.16 | | T | 1 | | |
| | | | | | 01/21/2003 | 1.97 | | T | 1 | | |
| | | | | | 01/22/2003 | 1.99 | | T | 1 | | |
| | | | | | 02/12/2003 | 1.79 | | T | 1 | | |
| | | | | | 03/06/2003 | 1.53 | | T | 1 | | |
| | | | | | 03/28/2003 | 1.65 | | T | 2 | | |
| | | | | | 05/01/2003 | 1.85 | | T | 2 | | |
| | | | | | 05/07/2003 | 1.93 | | T | 1 | | |
| | | | | | 08/14/2003 | 3.53 | | T | 1 | | |
| | | | | | 11/20/2003 | 3.55 | | T | 1 | | |
| 005 | NA FIO OCCUPAT | 205716110502001 | 100 | 4420.0 | 01/30/2004 | 3.11 | | T | 0 | | |
| 095 | N24 E18 08CCDC1 | 395/16119593801 | 100. | 4438.9 | 11/21/2002 | 34.35 | S | S | 1 | | |
| | | | | | 01/22/2003 | 33.87 | | S | 1 | | |
| | | | | | 03/06/2003
05/05/2003 | 33.50
33.30 | | S
S | 1
1 | | |
| | | | | | 06/24/2003 | 34.03 | | S
S | 1 | | |
| | | | | | 08/14/2003 | 34.60 | | S | 1 | | |
| | | | | | 01/30/2004 | 35.40 | | S | 1 | | |
| 095 | N24 E18 09BCBD1 | 395743119582401 | 350. | 4465.8 | 11/19/2002 | 37.71 | | T | 1 | | |
| 0,5 | 112+ E10 07BCBD1 | 3/3/4311/302401 | 330. | 4405.0 | 01/22/2003 | 37.77 | | T | 1 | | |
| | | | | | 03/06/2003 | 37.75 | | T | 1 | | |
| | | | | | 05/05/2003 | 37.49 | | S | 1 | | |
| | | | | | 06/19/2003 | 37.28 | | S | 1 | | |
| | | | | | 08/14/2003 | 37.47 | | T | 1 | | |
| | | | | | 11/20/2003 | 37.63 | | T | 1 | | |
| | | | | | 01/30/2004 | 37.79 | | T | 1 | | |
| 095 | N24 E18 09CABB1 | 395735119582401 | 35. | 4453.1 | 11/19/2002 | 24.36 | | T | 1 | | |
| | | | | | 01/22/2003 | 24.46 | | T | 1 | | |
| | | | | | 03/06/2003 | 24.32 | | T | 1 | | |
| | | | | | 05/05/2003 | 24.45 | | S | 1 | | |
| | | | | | 06/19/2003 | 24.82 | | S | 1 | | |
| | | | | | 08/14/2003 | 24.46 | | T | 2 | | |
| | | | | | 11/20/2003 | 24.98 | | T | 1 | | |
| | | | | | 01/30/2004 | 25.21 | | T | 1 | | |
| 095 | N24 E18 15BACC1 | 395657119571601 | 20. | 4495. | 11/19/2002 | 10.36 | | T | 1 | | |
| | | | | | 01/22/2003 | 9.48 | | T | 1 | | |
| | | | | | 03/06/2003 | 7.02 | | T | 1 | | |
| | | | | | 05/05/2003 | 7.15 | | S | 1 | | |
| | | | | | 06/24/2003 | 9.09 | | S | 1 | | |
| | | | | | 08/14/2003 | 9.89 | | T | 1 | | |
| | | | | | 11/20/2003 | 10.51 | | T
T | 1
1 | | |
| | | | | | 01/30/2004 | 10.03 | | 1 | 1 | | |

QUALITY OF WATER

FALLON BASALT AQUIFER MONITORING

Water-quality measurements in the following table were made in cooperation with the Fallon Paiute-Shoshone Tribe to evaluate potential effects of injecting surface water into the Fallon Basalt Aquifer. <u>Depths and Water Levels</u>: Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 17.

| Station
Number | | | Statio | n name | | | Da | te Tim | | mple
/pe | UV
absorb-
ance,
254 nm,
wat flt
units
/cm
(50624) | UV
absorb-
ance,
280 nm,
wat flt
units
/cm
(61726) | Baro- metric pres- sure, mm Hg (00025) |
|-------------------|--|--|--|---|--|--|---|---|--|---|---|---|---|
| 103122011 | 5 S-Lin | e Canal a | t Cemetar | y Road Br | idge near | Fallon, | NV 10-1 | 8-02 111 | 5 ENVIRO | NMENTAL | .065 | .046 | 658 |
| Date | Dis-
solved
oxygen,
mg/L
(00300) | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | pH,
water,
unfltrd
lab,
std
units
(00403) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) | Sodium,
water,
fltrd,
mg/L
(00930) | inc tit
field, | wat flt
incrm.
titr., | Chlor-
ide,
water,
fltrd,
mg/L
(00940) |
| 10-18-02 | 9.4 | 105 | 7.7 | 7.4 | 297 | 13.8 | 22.3 | 6.44 | 3.65 | 28.7 | 80 | 97 | 13.8 |
| Date | Fluor-
ide,
water,
fltrd,
mg/L
(00950) | Silica,
water,
fltrd,
mg/L
(00955) | Sulfate
water,
fltrd,
mg/L
(00945) | Residue
on
evap.
at
180degC
wat flt
mg/L
(70300) | Ammonia
+
org-N,
water,
fltrd,
mg/L
as N
(00623) | Ammonia
+
org-N,
water,
unfltrd
mg/L
as N
(00625) | Ammonia
water,
fltrd,
mg/L
as N
(00608) | Nitrite
+
nitrate
water
fltrd,
mg/L
as N
(00631) | Nitrite
water,
fltrd,
mg/L
as N
(00613) | Ortho-
phos-
phate,
water,
fltrd,
mg/L
as P | ulate
nitro-
gen, | | Phos-
phorus,
water,
unfltrd
mg/L
(00665) |
| 10-18-02 | .22 | 20.4 | 36.8 | 199 | .19 | .33 | < .04 | <.06 | <.008 | .08 | .10 | .111 | .162 |
| Date | Total
carbon,
suspnd
sedimnt
total,
mg/L
(00694) | Inor-
ganic
carbon,
suspnd
sedimnt
total,
mg/L
(00688) | Organic
carbon,
suspnd
sedimnt
total,
mg/L
(00689) | Organic
carbon,
water,
fltrd,
mg/L
(00681) | Alum-
inum,
water,
fltrd,
ug/L
(01106) | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsenic
water,
fltrd,
ug/L
(01000) | Barium,
water,
fltrd,
ug/L
(01005) | Beryll-
ium,
water,
fltrd,
ug/L
(01010) | Boron,
water,
fltrd,
ug/L
(01020) | water,
fltrd,
ug/L | water, | Cobalt
water,
fltrd,
ug/L
(01035) |
| 10-18-02 | .7 | <.1 | . 7 | 5.4 | <2 | .56 | 11.2 | 31 | <.06 | 253 | E.02 | <.8 | .11 |
| Date | Copper,
water,
fltrd,
ug/L
(01040) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Lithium
water,
fltrd,
ug/L
(01130) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Mercury
water,
fltrd,
ug/L
(71890) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) | water, | | Vanad-
ium,
water,
fltrd,
ug/L
(01085) |
| 10-18-02 | 2.4 | <10 | .16 | 24.9 | 3.0 | <.02 | 5.2 | 1.02 | <.5 | <.20 | 229 | E.03 | 5.0 |
| Date | Zinc,
water,
fltrd,
ug/L
(01090) | 2,6-Di-
ethyl-
aniline
water
fltrd
0.7u GF
ug/L
(82660) | CIAT,
water,
fltrd,
ug/L
(04040) | Aceto-
chlor,
water,
fltrd,
ug/L
(49260) | Ala-
chlor,
water,
fltrd,
ug/L
(46342) | alpha-
HCH,
water,
fltrd,
ug/L
(34253) | | Atra-
zine,
water,
fltrd,
ug/L
(39632) | Azin-
phos-
methyl,
water,
fltrd
0.7u GF
ug/L
(82686) | Ben-
flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82673) | Butyl-
ate,
water,
fltrd,
ug/L
(04028) | | Carbo-
furan,
water,
fltrd
0.7u GF
ug/L
(82674) |
| 10-18-02 | М | <.006 | <.006 | <.006 | <.007 | <.005 | 94.1 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 |
| Date | pyrifos
water,
fltrd,
ug/L
(38933) | cis-
Per-
methrin
water
fltrd
0.7u GF
ug/L
(82687) | Cyana-
zine,
water,
fltrd,
ug/L
(04041) | DCPA,
water
fltrd
0.7u GF
ug/L
(82682) | Desulf-
inyl
fipro-
nil,
water,
fltrd,
ug/L
(62170) | Diazi-
non,
water,
fltrd,
ug/L
(39572) | wat flt
0.7u GF
percent
recovry
(91063) | Diel-
drin,
water,
fltrd,
ug/L
(39381) | ug/L
(82677) | EPTC,
water,
fltrd
0.7u GF
ug/L
(82668) | fltrd
0.7u GF
ug/L
(82663) | Etho-
prop,
water,
fltrd
0.7u GF
ug/L
(82672) | Desulf-
inyl-
fipro-
nil
amide,
wat flt
ug/L
(62169) |
| 10-18-02 | <.005 | <.006 | <.018 | < .003 | < .004 | <.005 | 120 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 |

QUALITY OF WATER

FALLON BASALT AQUIFER MONITORING--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Fipro-
nil
sulfide
water,
fltrd,
ug/L
(62167) | Fipro-
nil
sulfone
water,
fltrd,
ug/L
(62168) | Fipro-
nil,
water,
fltrd,
ug/L
(62166) | Fonofos
water,
fltrd,
ug/L
(04095) | Lindane
water,
fltrd,
ug/L
(39341) | Linuron
water
fltrd
0.7u GF
ug/L
(82666) | Mala-
thion,
water,
fltrd,
ug/L
(39532) | Methyl
para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667) | Metola-
chlor,
water,
fltrd,
ug/L
(39415) | Metri-
buzin,
water,
fltrd,
ug/L
(82630) | Moli-
nate,
water,
fltrd
0.7u GF
ug/L
(82671) | Naprop-
amide,
water,
fltrd
0.7u GF
ug/L
(82684) | p,p'-
DDE,
water,
fltrd,
ug/L
(34653) |
|----------|--|--|---|---|--|--|---|--|---|---|--|--|---|
| 10-18-02 | <.005 | <.005 | <.007 | <.003 | < .004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 |
| Date | Para-
thion,
water,
fltrd,
ug/L
(39542) | Peb-
ulate,
water,
fltrd
0.7u GF
ug/L
(82669) | Pendi-
meth-
alin,
water,
fltrd
0.7u GF
ug/L
(82683) | Phorate
water
fltrd
0.7u GF
ug/L
(82664) | Prometon, water, fltrd, ug/L (04037) | Pron-
amide,
water,
fltrd
0.7u GF
ug/L
(82676) | Propa-
chlor,
water,
fltrd,
ug/L
(04024) | Pro-
panil,
water,
fltrd
0.7u GF
ug/L
(82679) | Propar-
gite,
water,
fltrd
0.7u GF
ug/L
(82685) | Sima-
zine,
water,
fltrd,
ug/L
(04035) | Tebu-
thiuron
water
fltrd
0.7u GF
ug/L
(82670) | Terba-
cil,
water,
fltrd
0.7u GF
ug/L
(82665) | Terbu-
fos,
water,
fltrd
0.7u GF
ug/L
(82675) |
| Date | Thio-
bencarb
water
fltrd
0.7u GF
ug/L
(82681) | Tri-
allate,
water,
fltrd
0.7u GF
ug/L
(82678) | Tri-
flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82661) | Alpha
radio-
activty
2-sigma
wat flt
Th-230,
pCi/L
(75987) | _ | activty
2-sigma
wat flt
CS-137,
pCi/L | Protium
ratio,
water, | radioae
water
fltrd
Cs-137 | , ratio
, water
, unfltr
per mi | Ra-22
, 2-sigm
, water
d fltrd
l pCi/L | a fltro
, rador
, metho
pCi/I | r, Urani
d, natur
n wate
od fltr
L ug/ | al
r,
d,
L |
| 10-18-02 | < .005 | <.002 | < .009 | 1.3 | 3 | 1.9 | -86.50 | 7 | -10.00 | .02 | .04 | 3.08 | |

Remark codes used in this report:

< -- Less than
E -- Estimated value

M -- Presence verified, not quantified

^a Listed values are recovery percentages for indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

QUALITY OF SURFACE WATER

HUMBOLDT RIVER BASIN

Samples collected for the chemical analyses of bottom material composition of the Humboldt River were collected in December 2002. This sampling is part of ongoing research on along the river flood plain. This work is part of the Humboldt River Basin Assessment. The following sites are shown in figure 16.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Station r | number | | Station | name | | | | Date | Time | Sample
type | wet svd
field, | ium,
bed sed
<62.5um
wet svd
fld,tot
percent | |
|--|--|---|--|--|---|---|--|--|---|---|---|---|--|
| 10321000
10323425
10325000
10327500 | HUMBO HUMBO | LDT R NR
LDT RIVER
LDT R AT
LDT R AT | AT OLD U | S 40 BRII
UNTAIN, N | | UNPHY, NV | 12-11-
12-11-
12-10-
12-10- | 02 080
02 170 | 00 ENVIR | DATRIMENTAL LATRIMENTAL LATRIMENTAL LATRIMENTAL | 12
4.5
4.5
6.0 | .870
.880
1.2
1.2 | 1.6
2.2
2.2
2.2 |
| Date | <62.5um
wet svd
field,
total, | bed sed
<62.5um
wet svd
field, | bed sed
<62.5um
wet svd
fld,tot | sedimnt
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wsv nat
field | carbon,
bed sed
<62.5um
wsv nat
field | bed sed
<62.5um
wsv nat
field | <62.5um
wet svd
fld,tot | <62.5um
wet svd
fld,tot | bed sed <62.5um | | ium,
bed sed
<62.5um
wet svd
fld,tot
ug/g | <177um
wet svd
field, | bed sed <62.5um |
| 12-11-02
12-11-02
12-10-02
12-10-02 | .960
1.6
1.4
1.4 | .14
.06
.06
.09 | .099
.100
.120
.096 | 5.8
1.8
1.7
2.8 | 2.8
.76
.74
1.3 | 3.0
1.0
.98
1.5 | 4.9
6.8
6.9
6.5 | 1.0
1.4
1.7
2.7 | 8.2
5.5
6.8
14 | 810
1200
1100
940 | 1.6
2.1
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2.1 | <1
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.4
.6
.6 |
| Date | | <62.5um
wet svd | bed sed <62.5um | | ium,
bed sed | <62.5um | <62.5um | <62.5um | bed sed
<62.5um
wet svd
field, | <62.5um
wet svd
fld,tot
ug/g | bed sed
<62.5um
wet svd
field,
total,
ug/g | bed sed
<62.5um
wet svd | |
| 12-11-02
12-11-02
12-10-02
12-10-02 | 48
67
69
54 | 29
44
48
40 | 6
7
9
8 | 15
17
22
23 | <1
1
1
1 | 11
15
16
15 | <1
<1
<1
<1 | <1
<1
<1
<1 | 1.7
2.1
2.6
2.4 | 26
37
38
29 | 14
18
19
17 | 28
32
42
47 | 1000
440
680
740 |
| Date | | denum,
bed sed
<62.5um
wet svd | <62.5um
wet svd | bed sed <62.5um | bed sed <62.5um | <62.5um
wet svd | ium,
bed sed | bed sed <62.5um | bed sed
<62.5um
wet svd | <62.5um | ium,
bed sed
<62.5um
dry svd | <62.5um
wet svd
field,
total,
ug/g | Tin,
bed sed
<62.5um
wet svd
field,
total,
ug/g
(34985) |
| 12-11-02
12-11-02
12-10-02
12-10-02 | .03
.03
.04 | .6
.7
.6
2.4 | 21
30
30
24 | 13
15
20
22 | 13
17
18
16 | 7
8
10
9 | 1.0
.4
.4
.3 | .1
.2
.2
.2 | 480
400
370
530 | <1
1
1
<1 | <1
<1
<1
<1 | 10
12
12
10 | 2
2
2
2 |
| | | | Dat
12-11
12-11
12-10
12-10 | in bed <62. wsv e re perc (492 -02 .28 -02 .36 -02 .40 | am, in sed bed 55um <62 nat wet ec, fld cent ug74) (355) 60 7:00 8: | um, i sed bed .5um <62 svd wet ,tot fld g/g u 0005) (35 | um, bed comments of the commen | d sed bec 2.5um <62.5um <62.5um <62.5um keld, file of all to ag/g 1.5010) (3.5010) | otal, t
1g/g
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68
81 | d sed
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Remark Codes Used in This report: < -- Less than

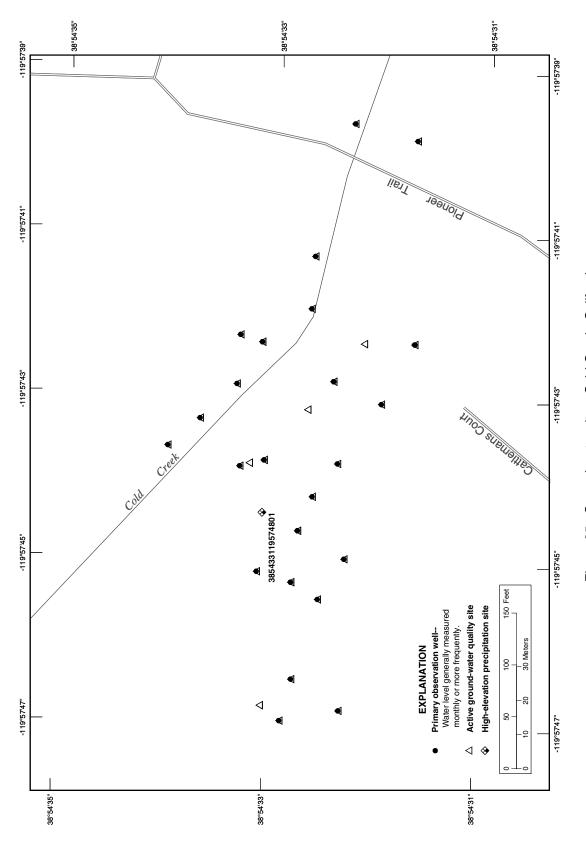


Figure 35. Ground-water sites, Cold Creek, California.

QUALITY OF SURFACE WATER

COLD CREEK MONITORING PROJECT

Chemical analyses of water samples collected in the vicinity of a storm-water detention basin are listed in the following table. Water samples were collected near the Cattleman's Detention Basin to characterize surface water in the vicinity. The project is in cooperation with El Dorado County Department of Transportation and is being done to determine effects from placing storm water in the detention basin on nutrient and sediment loads to nearby Cold Creek and Lake Tahoe. The following sites are shown in figure 19.

| Station number | Station name | Date | Time | Sample
type | Instan-
taneous
dis-
charge,
cfs
(00061) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) |
|-----------------|--|----------------------|--------------|--------------------------------|---|---|--|
| 10336778 | COLD CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE CA | 10-31-02 | 1300 | ENVIRONMENTAL | | 610 | 9.3 |
| | | 01-14-03
05-19-03 | 1340
1330 | ENVIRONMENTAL
ENVIRONMENTAL | | 612 | 8.9 |
| | | 06-04-03
09-30-03 | 1310
1130 | ENVIRONMENTAL
ENVIRONMENTAL | |
610 |
8.9 |
| 102268806 | COLD COURT DELOW CAMER THANG DEPENDENCY DAGAN | | | | | | |
| 103367786 | COLD CREEK BELOW CATTLEMANS DETENTION BASIN NEAR SOUTH LAKE TAHOE CA | 10-31-02
10-31-02 | 1030
1130 | ENVIRONMENTAL
ENVIRONMENTAL | | 607
 | 10.3 |
| | | 01-14-03 | 1320 | ENVIRONMENTAL | | | |
| | | 05-19-03
09-30-03 | 1145
1030 | ENVIRONMENTAL
ENVIRONMENTAL | | 612
610 | 5.1
9.1 |
| 4 000 5000 | GOLD G AT MOTHER OF | | | | | | |
| 10336779 | COLD C AT MOUTH CA | 06-04-03
09-30-03 | 1540
1430 | ENVIRONMENTAL
ENVIRONMENTAL | |
610 | |
| 385431119574201 | COLD CREEK STORM SAMPLER 1 30-INCH CULVERT | 11-12-02 | 0930 | ENVIRONMENTAL | | | |
| | | 11-15-02 | 0900 | ENVIRONMENTAL | | | |
| | | 12-13-02 | 0800 | ENVIRONMENTAL | | | |
| | | 12-15-02 | 1300 | ENVIRONMENTAL | | | |
| | | 01-13-03 | 1300 | ENVIRONMENTAL | | | |
| | | 01-14-03
01-27-03 | 1100
1230 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 02-04-03 | 1145 | ENVIRONMENTAL | | | |
| | | 03-11-03 | 1230 | ENVIRONMENTAL | | | |
| | | 03-16-03 | 1400 | ENVIRONMENTAL | | | |
| | | 03-21-03 | 1230 | ENVIRONMENTAL | | | |
| | | 03-26-03
04-03-03 | 1230 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 04-03-03 | 1530 | ENVIRONMENTAL | | | |
| | | 04-07-03 | 1130 | ENVIRONMENTAL | | | |
| | | 04-08-03
04-14-03 | 0800
0930 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 04-15-03 | 1200 | ENVIRONMENTAL | | | |
| | | 04-17-03 | 1500 | ENVIRONMENTAL | | | |
| | | 04-21-03 | 1200 | ENVIRONMENTAL | | | |
| | | 05-02-03 | 1330 | ENVIRONMENTAL | | | |
| | | 05-05-03 | 1400 | ENVIRONMENTAL | | | |
| | | 07-23-03
07-31-03 | 1730
1430 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 08-01-03 | 2330 | ENVIRONMENTAL | | | |
| | | 08-01-03 | 1200 | ENVIRONMENTAL | | | |
| | | 08-26-03 | 0930 | ENVIRONMENTAL | | | |
| 385432119574402 | COLD CREEK SAMPLER SITE 2 18-INCH CULVERT | 11-12-02 | 1030 | ENVIRONMENTAL | | | |
| | | 11-13-02 | 1045 | ENVIRONMENTAL | | | |
| | | 11-15-02 | 1030 | ENVIRONMENTAL | | | |
| | | 12-13-02
03-26-03 | 1030
1000 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| 385433119574407 | COLD CREEK STORM SAMPLER 3-OUTLET WEIR | 11-11-02 | 1100 | ENVIRONMENTAL | | | |
| | DETENTION BASIN | 11-12-02 | 1130 | ENVIRONMENTAL | | | |
| | | 11-15-02 | 1100 | ENVIRONMENTAL | | | |
| | | 03-11-03 | 1200 | ENVIRONMENTAL | | | |
| | | 03-16-03 | 1330 | ENVIRONMENTAL | | | |
| | | 03-26-03
08-21-03 | 1045
1600 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | | | | | | |
| 385433119574801 | PRECIPITATION SITE FOR COLD CREEK PROJECT | 11-11-02 | 1000 | ENVIRONMENTAL | | | |
| | | 12-15-02
12-23-02 | 1400
1400 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 01-06-03 | 1200 | ENVIRONMENTAL
ENVIRONMENTAL | | | |
| | | 03-16-03 | 1310 | ENVIRONMENTAL | | | |
| | | 04-14-03 | 0900 | ENVIRONMENTAL | | | |
| | | 08-21-03 | 1500 | ENVIRONMENTAL | | | |

QUALITY OF SURFACE WATER COLD CREEK MONITORING PROJECT--Continued

| Date | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) | Sodium,
water,
fltrd,
mg/L
(00930) | Alka-
linity,
wat flt
inc tit
field,
mg/L as
CaCO3
(39086) | Bicar-
bonate,
wat flt
incrm.
titr.,
field,
mg/L
(00453) | Bromide
water,
fltrd,
mg/L
(71870) | Chlor-
ide,
water,
fltrd,
mg/L
(00940) |
|----------------------|---|---|--|---|---|--|--|--|--|---|---|--|---|
| 10-31-02 | | 7.2 | | | 2.5 | 4.85 | .605 | .87 | 4.42 | | | <.02 | .75 |
| 01-14-03 | | | | | | | | | | | | | |
| 05-19-03 | | 6.0 | 44 | 14.0 | 6.5 | 3.68 | .618 | .90 | 3.70 | 18 | 22 | | .56 |
| 06-04-03 | | 6.8 | 24 | 25.0 | 9.0 | 2.00 | .356 | .79 | 2.19 | 11 | 13 | | .22 |
| 09-30-03 | 76 | 6.2 | 45 | | 8.6 | 4.34 | .590 | .99 | 4.01 | 19 | 23 | | .52 |
| 10-31-02 | | 6.8 | | | 3.5 | 5.05 | .672 | .93 | 4.83 | | | <.02 | 1.04 |
| 10-31-02 | | | | | | | | | | | | | |
| 01-14-03 | | | | | | | | | | | | | |
| 05-19-03 | 80 | 6.0 | 47 | 14.0 | 6.1 | 3.67 | .625 | .93 | 3.66 | 18 | 22 | | .64 |
| 09-30-03 | 86 | 6.2 | 40 | 18.0 | 8.3 | 4.42 | .582 | 1.03 | 4.17 | 16 | 20 | | .50 |
| 06-04-03 | | 6.8 | 25 | 26.5 | 11.5 | 2.07 | .366 | .78 | 2.21 | 9 | 11 | | .26 |
| 09-30-03 | | 6.2 | 40 | 20.0 | 9.0 | 4.45 | .615 | 1.04 | 4.11 | 17 | 20 | | .75 |
| 11-12-02 | | | | | | 2.84 | .276 | 1.03 | 5.20 | | | | 5.86 |
| 11-15-02 | | | | | | | | | | | | | |
| 12-13-02 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 12-15-02 | | | | | | | | | | | | | |
| 01-13-03 | | | | | | | | | | | | | |
| 01-14-03 | | | | | | | | | | | | | |
| 01-27-03
02-04-03 | | | | | | 3.36 | .260 | .87 | 24.6 | | | | 34.6 |
| 02-04-03 | | | | | | | | | | | | | |
| 03-11-03 | | | | | | | | | | | | | |
| 03-16-03 | | | | | | 2.40 | .162 | .68 | 9.70 | | | | 10.2 |
| 03-21-03 | | | | | | | | | | | | | |
| 03-26-03 | | | | | | | | | | | | | |
| 04-03-03 | | | | | | | | | | | | | |
| 04-07-03 | | | | | | | | | | | | | |
| 04-07-03 | | | | | | | | | | | | | |
| 04-14-03 | | | | | | | | | | | | | |
| 04-15-03 | | | | | | | | | | | | | |
| 04-17-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 04-21-03 | | | | | | 2.76 | .205 | .46 | 4.35 | | | | 4.53 |
| 05-02-03
05-05-03 | | | | | | | | | | | | | |
| 05-05-03 | | 5.7 | 140 | | | 15.6 | .981 | 4.08 | 15.5 | 28 | 34 | .15 | 19.5 |
| 07-23-03 | | 6.5 | 47 | | | 4.18 | .375 | 1.89 | 4.72 | 10 | 12 | | 3.78 |
| 0, 31 03 | | 0.5 | | | | 1.10 | .575 | 1.05 | 11,72 | 10 | | | 3.70 |
| 08-01-03 | | 6.2 | 63 | | | 4.78 | .378 | 1.45 | 9.52 | 14 | 17 | <.02 | 8.30 |
| 08-02-03 | | | | | | | | | | | | | |
| 08-26-03 | | | | | | | | | | | | | |
| 11-12-02 | | | | | | 3.75 | .412 | 1.25 | 2.00 | | | | 1.62 |
| 11-13-02 | | | | | | | | | | | | | |
| 11-15-02 | | | | | | | | | | | | | |
| 12-13-02 | | | | | | | | | | | | | |
| 03-26-03 | | | | | | | | | | | | | |
| 11-11-02 | | | | | | 3.05 | .417 | 2.28 | 2.60 | | | | 2.56 |
| 11-12-02 | | | | | | | | | | | | | |
| 44 45 00 | | | | | | | | | | | | | |
| 11-15-02
03-11-03 | | | | | |
6 37 | | 2 06 | 20.0 | | | | 29.2 |
| 03-11-03 | | | | | | 6.37 | .939 | 2.06 | 20.0 | | | | 29.2 |
| 03-16-03 | | | | | | 6.18 | .902 | 2.55 | 7.87 | | | | 7.98 |
| 08-21-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 11-11-02 | | | | | | | | | | | | | |
| 12-15-02 | | | | | | | | | | | | | |
| 12-23-02 | | | | | | | | | | | | | |
| 01-06-03
03-16-03 | | | | | | | | | | | | | |
| 00 TO-00 | | | | | | | | | | | | | |
| 04-14-03 | | | | | | | | | | | | | |
| 08-21-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

QUALITY OF SURFACE WATER

COLD CREEK MONITORING PROJECT--Continued

| | _, | | | Residue
on | Ammonia
+ | + | | | ¹ Nitrite | + | Ortho-
phos- | Ortho-
phos- | _, |
|----------------------|----------------|-------------------|----------------|---------------|------------------|-------------------|------------------|-------------------|----------------------|------------------|------------------|-------------------|-------------------|
| | Fluor- | Cilian | Culfata | evap. | org-N, | org-N, | | Ammonia | | | phate, | phate, | Phos- |
| | ide,
water, | Silica,
water, | Sulfate water, | at
180deqC | water,
fltrd, | water,
unfltrd | water,
fltrd, | water,
unfltrd | water
fltrd, | water
unfltrd | water,
fltrd, | water,
unfltrd | phorus,
water, |
| Date | fltrd, | fltrd, | fltrd, | wat flt | mq/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | fltrd, |
| Dace | mg/L | mg/L | mq/L | mg/L | as N | as N | as N | as N | as N | as N | as P | as P | mg/L |
| | (00950) | (00955) | (00945) | (70300) | (00623) | (00625) | (00608) | (00610) | (00631) | (00630) | (00671) | (70507) | (00666) |
| | | | | | | | | | | | | | |
| 10-31-02 | <.17 | 15.2 | 2.3 | 45 | .12 | | .018 | | .002 | | .006 | | .010 |
| 01-14-03 | | | | | .18 | .17 | .000 | .010 | .015 | .021 | .006 | .01 | .012 |
| 05-19-03 | <.2 | 16.6 | 1.2 | 40 | .15 | | .002 | | .029 | | .007 | | .017 |
| 06-04-03 | <.2 | 11.8 | .9 | 29 | .12 | .32 | .002 | .010 | .011 | .016 | .008 | .02 | .015 |
| 09-30-03 | <.2 | 15.2 | 1.4 | 45 | .10 | . 09 | .002 | .004 | .001 | .002 | .011 | .01 | .016 |
| | | | | | | | | | | | | | |
| 10-31-02 | <.17 | 16.6 | 2.3 | 43 | .09 | | .005 | | .003 | | .007 | | .014 |
| 10-31-02 | | | | | | | | | | | | | |
| 01-14-03 | | 16.5 | | | .07 | .41 | .000 | .006 | .022 | .027 | .005 | .01 | .012 |
| 05-19-03 | <.2 | 16.5 | 1.1 | 44 | .11 | | .002 | | .022 | | .008 | | .020 |
| 09-30-03 | <.2 | 15.7 | 2.0 | 42 | .11 | .16 | .002 | .018 | .003 | .003 | .007 | .01 | .017 |
| 06-04-03 | <.2 | 11.8 | .9 | 29 | .19 | .30 | .003 | .009 | .008 | .012 | .008 | .01 | .015 |
| 09-30-03 | <.2 | 15.3 | 1.4 | 38 | .13 | .21 | .003 | .011 | .001 | .005 | .007 | .01 | .015 |
| 11-12-02 | <.17 | 1.54 | .7 | 42 | 1.0 | | .001 | | .018 | | .040 | | .064 |
| 11-15-02 | | | | | .22 | | .002 | | .007 | | .042 | | .067 |
| 12-13-02 | | | | | .78 | 1.1 | .030 | .025 | .089 | .036 | .023 | .08 | .097 |
| | | | | | | | | | | | | | |
| 12-15-02 | | | | | .48 | | .077 | | .050 | | .068 | | .086 |
| 01-13-03 | | | | | | 1.0 | | .155 | | .286 | | .34 | |
| 01-14-03 | | | | | | .47 | | .036 | | .065 | | .09 | |
| 01-27-03 | .00 | 1.51 | 1.1 | 83 | .32 | .38 | .001 | .017 | .043 | .063 | .034 | .11 | .039 |
| 02-04-03 | | | | | .38 | | M | | .112 | | .029 | | .036 |
| | | | | | | | | | | | | | |
| 03-11-03 | | | | | | | | | | | | | |
| 03-16-03 | .04 | 1.61 | 1.0 | 41 | .17 | | .023 | | .009 | | .044 | | .062 |
| 03-21-03 | | | | | | | | | | | | | |
| 03-26-03 | | | | | .24 | | .007 | | .012 | | .041 | | .049 |
| 04-03-03 | | | | | .43 | | .088 | | .063 | | .015 | | .038 |
| | | | | | | | | | | | | | |
| 04-07-03 | | | | | .18 | . 74 | .083 | .117 | .071 | .170 | .018 | .25 | .024 |
| 04-08-03 | | | | | | | | | | | | | |
| 04-14-03 | | | | | | 1.1 | | .123 | | .158 | | .37 | |
| 04-15-03
04-17-03 | | | | | .33 | .57
.48 | .060 | .080
.114 | .031 | .141
.222 | .009 | .17
.21 | .025 |
| 04-17-03 | | | | | | .40 | | .114 | | .222 | | .21 | |
| 04-21-03 | <.17 | 1.46 | . 4 | 30 | .16 | .37 | .003 | .017 | .039 | .041 | .036 | .07 | .042 |
| 05-02-03 | | | | | | | | | | | | | |
| 05-05-03 | | | | | | | | | | | | | |
| 07-23-03 | <.2 | 3.75 | 7.4 | 165 | 1.5 | 5.4 | .111 | .101 | .067 | .128 | .023 | .18 | .078 |
| 07-31-03 | <.2 | 2.01 | 2.5 | 52 | .60 | 2.5 | .074 | .164 | .425 | .418 | .016 | .14 | .060 |
| | | | | | | | | | | | | | |
| 08-01-03 | <.2 | 4.54 | 3.2 | 48 | .68 | 1.1 | .056 | .054 | .271 | .280 | .055 | .14 | .093 |
| 08-02-03 | | | | | | | | | | | | | |
| 08-26-03 | | | | | | 1.1 | | .077 | | .469 | | .08 | |
| 11-12-02 | <.17 | 1.51 | .7 | 34 | 1.6 | | .002 | | .026 | | .061 | | .100 |
| 11-13-02 | | | | | .27 | | .004 | | .012 | | .012 | | .059 |
| 11-15-02 | | | | | .36 | | .002 | | .006 | | .033 | | .046 |
| 12-13-02 | | | | | 1.3 | 1.8 | .199 | . 262 | .006 | .089 | .033 | .08 | .046 |
| 03-26-03 | | | | | .31 | | .098 | .202 | .061 | | .076 | | .085 |
| 11-11-02 | <.17 | | 1.3 | 50 | .58 | | .003 | | .011 | | .078 | | .179 |
| 11-11-02 | | 1.24 | | | .46 | | .003 | | .011 | | .097 | | .075 |
| 11-12-02 | | | | | .40 | | .002 | | .013 | | .057 | | .075 |
| 11-15-02 | | | | | .43 | | .002 | | .012 | | .058 | | .100 |
| 03-11-03 | .06 | 2.91 | 1.4 | 92 | .49 | | .145 | | .092 | | .056 | | .077 |
| 03-16-03 | | | | | .10 | | .014 | | .087 | | .031 | | .034 |
| 03-26-03 | .06 | .89 | 1.6 | 55 | .29 | | .017 | | .004 | | .008 | | .023 |
| 08-21-03 | | | | | | 1.7 | | .366 | | .276 | | .11 | |
| | | | | | | | | | | | | | |
| 11-11-02 | | | | | | .19 | | .012 | | .043 | | .05 | |
| 12-15-02 | | | | | .15 | | .005 | | .043 | | .031 | | .027 |
| 12-23-02 | | | | | .31 | .40 | | .063 | | .070 | | .01 | |
| 01-06-03 | | | | | | .13 | | .035 | | .047 | | .05 | |
| 03-16-03 | | | | | | 1.2 | | .322 | | .098 | | .02 | |
| 04-14-03 | | | | | | .16 | | .097 | | .065 | | M | |
| 08-21-03 | | | | | | 6.0 | | 5.86 | | .481 | | 1.17 | |
| 00 | | | | | | | | | | | | | |

QUALITY OF SURFACE WATER COLD CREEK MONITORING PROJECT--Continued

| | Phos-
phorus, | Organic carbon, | Alum-
inum, | Anti- | | Barium, | Beryll- | Cadmium | Chrom-
ium, | Cobalt | Copper, | Iron
(bio
reac-
tive), | Iron, |
|----------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| Date | water,
unfltrd
mg/L
(00665) | water,
fltrd,
mg/L
(00681) | water,
fltrd,
ug/L
(01106) | water,
fltrd,
ug/L
(01095) | water,
fltrd,
ug/L
(01000) | water,
fltrd,
ug/L
(01005) | water,
fltrd,
ug/L
(01010) | water,
fltrd,
ug/L
(01025) | water,
fltrd,
ug/L
(01030) | water,
fltrd,
ug/L
(01035) | water,
fltrd,
ug/L
(01040) | water,
unfltrd
ug/L
(46568) | water,
fltrd,
ug/L
(01046) |
| 10-31-02 | | 1.3 | 12 | <.30 | <2 | 4 | <.06 | .06 | <.8 | .025 | .9 | | 53 |
| 01-14-03 | .016 | | | | | | | | | | | 170 | |
| 05-19-03 | | 4.3 | | | | | | | | | | | 92 |
| 06-04-03
09-30-03 | .042 | 2.3 | | | | | | | | | | 682
164 | 45
39 |
| 10-31-02 | | 2.0 | 18 | <.30 | М | 4 | <.06 | .07 | <.8 | .036 | .7 | | 91 |
| 10-31-02 | | | | | | | | | | | | | |
| 01-14-03 | .023 | | | | | | | | | | | 263 | |
| 05-19-03
09-30-03 | .022 | 4.2
2.5 | | | | | | | | | |
143 | 131
51 |
| 09-30-03 | .022 | 2.5 | | | | | | | | | | 143 | 21 |
| 06-04-03 | .037 | 2.3 | | | | | | | | | | 743 | 53 |
| 09-30-03 | .025 | 1.1 | | | | | | | | | | 219 | 55 |
| 11-12-02
11-15-02 | | 12.6 | 40 | <.30 | <2 | 4 | <.06 | .10 | <.8 | .073 | 2.3 | | 46 |
| 12-13-02 | .233 | | | | | | | | | | | 2420 | |
| | | | | | | | | | | | | | |
| 12-15-02
01-13-03 | .302 | | | | | | | | | | |
464 | |
| 01-13-03 | .115 | | | | | | | | | | | 730 | |
| 01-27-03 | .079 | 4.4 | 41 | E.22 | <2 | 7 | <.06 | .04 | E.6 | .036 | 3.1 | 707 | 32 |
| 02-04-03 | | | | | | | | | | | | | |
| 03-11-03 | | | | | | | | | | | | | |
| 03-16-03 | | 16.1 | | | | | | | | | | | 63 |
| 03-21-03 | | 6.9 | | | | | | | | | | | |
| 03-26-03 | | | | | | | | | | | | | |
| 04-03-03 | | | | | | | | | | | | | |
| 04-07-03 | .158 | | | | | | | | | | | 1810 | |
| 04-08-03 | | | | | | | | | | | | | |
| 04-14-03
04-15-03 | .462
.182 | | | | | | | | | | | 5310
2240 | |
| 04-17-03 | .214 | | | | | | | | | | | 2880 | |
| 04-21-03 | .084 | 2.4 | 21 | <.30 | <2 | 5 | <.06 | .05 | <.8 | .022 | 2.5 | 694 | 17 |
| 05-02-03 | | | | | | | | | | | | | |
| 05-05-03
07-23-03 | 2.37 | 53.7 | 152 | .91 | E1 | 33 | <.06 | .06 | 1.0 | 1.86 | 4.4 | 20000 | 1230 |
| 07-31-03 | .467 | 18.4 | | | | | | | | | | 4690 | 55 |
| 08-01-03 | .197 | 13.6 | 41 | E.28 | <2 | 7 | <.06 | E.02 | E.4 | .072 | 7.1 | 2530 | 46 |
| 08-02-03 | | | | | | | | | | | | | |
| 08-26-03 | .115 | | | | | | | | | | | 1720 | |
| 11-12-02
11-13-02 | | 9.2 | 27 | <.30 | <2 | 4 | <.06 | .07 | <.8 | .087 | 2.0 | | 31 |
| 11-15-02 | | | | | | | | | | | | | |
| 12-13-02 | .190 | | | | | | | | | | | 1900 | |
| 03-26-03 | | 9.1 | | | | | | | | | | | |
| 11-11-02 | | 27.4 | 76 | E.16 | <2 | 5 | <.06 | .13 | <.8 | .236 | 22.7 | | 67 |
| 11-12-02 | | | | | | | | | | | | | |
| 11-15-02 | | | | | | | | | | | | | |
| 03-11-03 | | | | | | | | | | | | | 354 |
| 03-16-03
03-26-03 | | 31.7 | | | | | | | | | | |
154 |
| 08-21-03 | .198 | | | | | | | | | | | 1600 | |
| 11-11-02 | .078 | | | | | | | | | | | 48 | |
| 12-15-02 | | | | | | | | | | | | 105 | |
| 12-23-02
01-06-03 | .037 | | | | | | | | | | | 185
25 | |
| 03-16-03 | .054 | | | | | | | | | | | 57 | |
| 04-14-03 | .006 | | | | | | | | | | | 38 | |
| 08-21-03 | 1.24 | | | | | | | | | | | 138 | |

QUALITY OF SURFACE WATER

COLD CREEK MONITORING PROJECT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Lead,
water,
fltrd,
ug/L
(01049) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) | Zinc,
water,
fltrd,
ug/L
(01090) | Uranium
natural
water,
fltrd,
ug/L
(22703) | Sus-
pended
sedi-
ment
concen-
tration
mg/L
(80154) | Sus-
pended
sedi-
ment
load,
tons/d
(80155) | Suspnd. sedi- ment, sieve diametr percent <.063mm (70331) | Iron,
(bio
reac-
tive),
water,
fltrd,
ug/L
(63673) |
|----------------------|--|--|---|--|---|--|--|---|--|---|---|---|
| 10-31-02 | E.04 | 2.3 | 13.0 | .32 | <3 | <.2 | 3 | 3.81 | | | | 68 |
| 01-14-03 | | | | | | | | | | | | 54 |
| 05-19-03 | | 3.2 | | | | | | | | | | 96 |
| 06-04-03 | | 2.1 | | | | | | | 25 | | | 47 |
| 09-30-03 | | 2.0 | | | | | | | | | | 35 |
| 10-31-02 | <.08 | 3.1 | 14.8 | .30 | <3 | <.2 | 2 | 4.94 | | | | 84 |
| 10-31-02 | <.08 | 3.1
 | 14.8 | | <3 | <.2 | <u> </u> | 4.94 | | | | |
| 01-14-03 | | | | | | | | | | | | 95 |
| 05-19-03 | | 4.8 | | | | | | | | | | 110 |
| 09-30-03 | | 2.5 | | | | | | | | | | 50 |
| | | | | | | | | | | | | |
| 06-04-03 | | 3.0 | | | | | | | 34 | | | 59 |
| 09-30-03
11-12-02 | .09 | 3.5
10.8 |
E.3 | .46 |
<3 | |
16 | .12 | 6 | .09 | 18 | 72
27 |
| 11-12-02 | | | E.3 | | <3 | <.2 | T.0 | | | | | 33 |
| 12-13-02 | | | | | | | | | | | | 63 |
| | | | | | | | | | | | | |
| 12-15-02 | | | | | | | | | | | | 68 |
| 01-13-03 | | | | | | | | | | | | |
| 01-14-03 | | | | | | | | | | | | |
| 01-27-03
02-04-03 | E.07 | 1.1 | . 4 | 1.24 | <3 | <.2 | 29 | .07 | | | | 310
82 |
| 02-04-03 | | | | | | | | | | | | 02 |
| 03-11-03 | | | | | | | | | 36 | | | |
| 03-16-03 | | E1.1 | | | | | | | 406 | | | 150 |
| 03-21-03 | | | | | | | | | | | | |
| 03-26-03 | | | | | | | | | 93 | | | 63 |
| 04-03-03 | | | | | | | | | 214 | | | 75 |
| 04-07-03 | | | | | | | | | 117 | | | 120 |
| 04-08-03 | | | | | | | | | 39 | | | |
| 04-14-03 | | | | | | | | | 248 | | | |
| 04-15-03 | | | | | | | | | 66 | | | 53 |
| 04-17-03 | | | | | | | | | 88 | | | |
| 04-21-03 | E.04 | .7 | E.2 | .33 | <3 | <.2 | 21 | .09 | 27 | | | 20 |
| 05-02-03 | | | | | | | | | 73 | | | |
| 05-05-03 | | | | | | | | | 255 | | | |
| 07-23-03 | .22 | 379 | 2.1 | 5.33 | E1 | <.2 | 56 | .52 | 1540 | | 36 | 1600 |
| 07-31-03 | | 82.2 | | | | | | | | | | 55 |
| | | | | | | | | | | | | |
| 08-01-03
08-02-03 | .10 | 4.7 | 1.7 | 1.29 | <3 | <.2 | 22 | .24 | 646
375 | | 26
65 | 110 |
| 08-02-03 | | | | | | | | | 375
74 | | 76 | |
| 11-12-02 | .15 | 15.1 | . 4 | .50 | <3 | <.2 | 45 | .28 | | | | 21 |
| 11-13-02 | | | | | | | | | | | | 18 |
| | | | | | | | | | | | | |
| 11-15-02 | | | | | | | | | | | | 60 |
| 12-13-02 | | | | | | | | | | | | 84 |
| 03-26-03
11-11-02 | .12 | 32.9 | .7 |
.79 | <3 | <.2 | 22 |
.67 | 56
 | | | 47
54 |
| 11-11-02 | | | | | | | | | | | | 43 |
| | | | | | | | | | | | | |
| 11-15-02 | | | | | | | | | | | | 59 |
| 03-11-03 | | 49.6 | | | | | | | 14 | | | 380 |
| 03-16-03 | | | | | | | | | 45 | | | 280 |
| 03-26-03
08-21-03 | | 3.7 | | | | | | | 9
41 | | 9.4 | 150 |
| UO-ZI-U3 | | | | | | | | | 41 | | 84 | |
| 11-11-02 | | | | | | | | | | | | |
| 12-15-02 | | | | | | | | | | | | 20 |
| 12-23-02 | | | | | | | | | | | | 95 |
| 01-06-03 | | | | | | | | | | | | |
| 03-16-03 | | | | | | | | | | | | |
| 04-14-03 | | | | | | | | | | | | |
| 08-21-03 | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Remark codes used in this report:

< -- Less than
E -- Estimated value

 $[\]ensuremath{\mathrm{M}}$ -- Presence verified, not quantified

 $^{^{1}}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

COLD CREEK MONITORING PROJECT

Chemical analyses of water samples collected periodically from shallow wells drilled in the vicinity of a proposed storm-water detention basin are listed in the following table. Water samples were collected prior to construction of the Cattleman's Detention Basin to characterize shallow ground water in the vicinity of the proposed detention basin. The project is in cooperation with El Dorado County Department of Transportation and is being done to determine effects from placing storm water in the detention basin on nutrient and sediment loads to nearby Cold Creek and Lake Tahoe. Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 35.

| Station number | Station name | | Date | Tir | Sample
ne type | Depth
of
well,
feet
below
LSD
(72008) | Depth
to
water
level,
feet
below
LSD
(72019) | Flow
rate,
instan-
taneous
gal/min
(00059) |
|------------------------------------|--|-------------------------------------|----------------------|--------------|--------------------------------|---|---|---|
| 385432119574001 | 090 N12 E18 11BBAA2 | COLD CREEK 01 | 10-18-02 | 1130 | ENVIRONMENTAL | 5.55 | | .10 |
| | 090 N12 E18 11BBAA2 | COLD CREEK 01 | 05-23-03 | 0934 | ENVIRONMENTAL | 5.55 | | .10 |
| | 090 N12 E18 11BBAA2 | COLD CREEK 01 | 07-28-03 | 1230 | ENVIRONMENTAL | 5.55 | | |
| 385432119574002 | 090 N12 E18 11BBAA3
090 N12 E18 11BBAA3 | COLD CREEK 02
COLD CREEK 02 | 10-18-02
05-23-03 | 1145
1010 | ENVIRONMENTAL
ENVIRONMENTAL | 6.75
6.75 | | .10
.05 |
| | 090 N12 E18 11BBAA3 | COLD CREEK 02 | 07-28-03 | 1330 | ENVIRONMENTAL | 6.75 | | |
| 385432119574301 | 090 N12 E18 11BBAA4 | COLD CREEK 03 SHALLOW | 10-08-02 | 1245 | ENVIRONMENTAL | 10.2 | | .10 |
| | 090 N12 E18 11BBAA4 | COLD CREEK 03 SHALLOW | 05-14-03 | 1230 | ENVIRONMENTAL | 10.2 | | .10 |
| | 090 N12 E18 11BBAA4 | COLD CREEK 03 SHALLOW | 07-15-03 | 1100 | ENVIRONMENTAL | 10.2 | | .10 |
| 385432119574302 | 090 N12 E18 11BBAA5 | COLD CREEK 03 DEEP | 10-18-02 | 0900 | ENVIRONMENTAL | 15.1 | | .10 |
| | 090 N12 E18 11BBAA5 | COLD CREEK 03 DEEP | 05-14-03 | 1130 | ENVIRONMENTAL | 15.1 | 6.86 | .10 |
| | 090 N12 E18 11BBAA5 | COLD CREEK 03 DEEP | 07-15-03 | 1200 | ENVIRONMENTAL | 15.1 | | .10 |
| 385432119574303 | 090 N12 E18 11BBAB1 | COLD CREEK 08 SHALLOW | 10-08-02 | 1000 | ENVIRONMENTAL | 9.2 | | .10 |
| | 090 N12 E18 11BBAB1 | COLD CREEK 08 SHALLOW | 05-12-03 | 1330 | ENVIRONMENTAL | 9.2 | | .10 |
| | 090 N12 E18 11BBAB1 | COLD CREEK 08 SHALLOW | 07-14-03 | 1030 | ENVIRONMENTAL | 9.2 | | .10 |
| 385432119574304 | 090 N12 E18 11BBAB2 | COLD CREEK 08 DEEP | 10-08-02 | 1215 | ENVIRONMENTAL | 14.95 | | .10 |
| | 090 N12 E18 11BBAB2 | COLD CREEK 08 DEEP | 05-12-03 | 1215 | ENVIRONMENTAL | 14.95 | 3.55 | .10 |
| 205420110554205 | 090 N12 E18 11BBAB2 | COLD CREEK 08 DEEP | 07-14-03 | 1130 | ENVIRONMENTAL | 14.95 | | .10 |
| 385432119574305 | 090 N12 E18 11BBAA6
090 N12 E18 11BBAA6 | COLD CREEK 09
COLD CREEK 09 | 10-18-02
05-12-03 | 1045
1115 | ENVIRONMENTAL
ENVIRONMENTAL | 9.9
9.9 | 6.11 | |
| | | | | | | | | |
| | 090 N12 E18 11BBAA6 | COLD CREEK 09 | 07-14-03 | 0915 | ENVIRONMENTAL | 9.9 | | .10 |
| 385432119574306
385432119574307 | 090 N12 E18 11BBAA8
090 N12 E18 11BBAA9 | COLD CREEK MP3B
COLD CREEK MP3D | 06-26-03
06-26-03 | 1130
1400 | ENVIRONMENTAL
ENVIRONMENTAL | 5.
9. | 1.30
1.50 | .20 |
| 385432119574401 | 090 N12 E18 11BBAB3 | COLD CREEK 15 | 10-16-02 | 1045 | ENVIRONMENTAL | 10.2 | | .10 |
| 505452115574401 | 090 N12 E18 11BBAB3 | COLD CREEK 15 | 05-16-03 | 1010 | FIELD BLANK | 10.2 | | |
| | 090 N12 E18 11BBAB3 | COLD CREEK 15 | 05-16-03 | 1130 | ENVIRONMENTAL | 10.2 | 5.91 | .10 |
| | 090 N12 E16 11BBAB3 | COLD CREEK 15 | 07-17-03 | 1230 | ENVIRONMENTAL | 10.2 | | .10 |
| 385432119574501 | 090 N12 E18 11BBAB4 | COLD CREEK 20 | 10-09-02 | 1400 | ENVIRONMENTAL | 7.15 | | .05 |
| 505152125571501 | 090 N12 E18 11BBAB4 | COLD CREEK 20 | 05-22-03 | 0949 | ENVIRONMENTAL | 7.15 | | .10 |
| | 090 N12 E18 11BBAB4 | COLD CREEK 20 | 07-25-03 | 1145 | ENVIRONMENTAL | 7.15 | | |
| 385432119574601 | 090 N12 E18 11CCDC12 | COLD CREEK 21 | 10-09-02 | 1100 | ENVIRONMENTAL | 4.95 | | .10 |
| | 090 N12 E18 11CCDC12 | COLD CREEK 21 | 10-18-02 | 1115 | ENVIRONMENTAL | 4.95 | | |
| | 090 N12 E18 11CCDC12 | COLD CREEK 21 | 05-19-03 | 1045 | ENVIRONMENTAL | 4.95 | | .10 |
| 205420110554501 | 090 N12 E18 11CCDC12 | COLD CREEK 21 | 07-15-03 | 1000 | ENVIRONMENTAL | 4.95 | | |
| 385432119574701 | 090 N12 E18 11BBAB5 | COLD CREEK 24 | 10-09-02 | 1000 | ENVIRONMENTAL | 5.5 | | .15 |
| | 090 N12 E18 11BBAB5 | COLD CREEK 24 | 05-22-03 | 1100 | ENVIRONMENTAL | 5.5 | | .10 |
| 205122442551424 | 090 N12 E18 11BBAB5 | COLD CREEK 24 | 07-28-03 | 1130 | ENVIRONMENTAL | 5.5 | | |
| 385433119574201 | 090 N12 E18 02CCDD1
090 N12 E18 02CCDD1 | COLD CREEK 04
COLD CREEK 04 | 10-18-02
05-20-03 | 1200
1024 | ENVIRONMENTAL
ENVIRONMENTAL | 10.2
10.2 | | .10
.10 |
| | 090 N12 E18 02CCDD1 | COLD CREEK 04 | 07-18-03 | 1024 | ENVIRONMENTAL | 10.2 | | .10 |
| | | | | | | | | |
| 385433119574202 | 090 N12 E18 02CCDD2 | COLD CREEK 05 | 10-18-02 | 1215 | ENVIRONMENTAL | 10.2 | | .10 |
| | 090 N12 E18 02CCDD2
090 N12 E18 02CCDD2 | COLD CREEK 05
COLD CREEK 05 | 05-19-03
07-18-03 | 1200
1130 | ENVIRONMENTAL
ENVIRONMENTAL | 10.2
10.2 | | .10 |
| 385433119574203 | 090 N12 E18 02CCDD5 | COLD CREEK 07 | 10-16-02 | 1300 | ENVIRONMENTAL | 4.97 | | .20 |
| 303433113374203 | 090 N12 E18 02CCDD5 | COLD CREEK 07 | 05-20-03 | 1201 | ENVIRONMENTAL | 4.97 | | .10 |
| | 090 N12 E18 02CCDD5 | COLD CREEK 07 | 07-22-03 | 1430 | ENVIRONMENTAL | 4.97 | | .10 |
| 385433119574301 | 090 N12 E18 02CCDD3 | COLD CREEK 06 SHALLOW | | | | 8.95 | | .20 |
| | 090 N12 E18 02CCDD3 | COLD CREEK 06 SHALLOW | 05-20-03 | 1100 | | | | .10 |
| | 090 N12 E18 02CCDD3 | COLD CREEK 06 SHALLOW | | | | 8.95 | | .10 |
| 385433119574302 | 090 N12 E18 02CCDD4 | COLD CREEK 06 DEEP | 10-18-02 | 1245 | ENVIRONMENTAL | 15. | | .20 |
| | 090 N12 E18 02CCDD4 | | 05-20-03 | | ENVIRONMENTAL | 15. | | .10 |
| 205422110574202 | 090 N12 E18 02CCDD4 | COLD CREEK 06 DEEP
COLD CREEK 10 | 07-18-03 | | ENVIRONMENTAL | 15. | | .10 |
| 385433119574303 | 090 N12 E18 02CCDD6
090 N12 E18 02CCDD6 | COLD CREEK 10
COLD CREEK 10 | 10-18-02
05-15-03 | | ENVIRONMENTAL
ENVIRONMENTAL | 10.2
10.2 | 4.20 | .20 |
| | 090 N12 E18 02CCDD6 | COLD CREEK 10 | 07-23-03 | | | 10.2 | 4.20 | .10 |
| 385433119574304 | 090 N12 E18 02CCDD8 | COLD CREEK MP2B | 06-25-03 | 1400 | ENVIRONMENTAL | 4. | 1.30 | .20 |
| 385433119574305 | 090 N12 E18 02CCDD9 | COLD CREEK MP2D | 06-26-03 | | ENVIRONMENTAL | 9. | 1.30 | .20 |
| 385433119574401 | 090 N12 E18 02CCDC2 | COLD CREEK 13 SHALLOW | | | ENVIRONMENTAL | 10.2 | | .15 |
| | 090 N12 E18 02CCDC2 | | | | | 10.2 | 2.61 | .10 |
| | 090 N12 E18 02CCDC2 | COLD CREEK 13 SHALLOW | 07-17-03 | 0945 | FIELD BLANK | 10.2 | | |

COLD CREEK MONITORING PROJECT--Continued

| | | | | | | Residue | Ammonia | | ¹ Nitrite | Ortho- | | | |
|----------------------|----------------|----------------|----------------|----------------|----------------|-------------------|-----------------------|-------------------|-----------------------|---------------------------|----------------|--------------------|----------------|
| | Bromide | Chlor-
ide, | Fluor-
ide, | Silica, | Sulfate | on
evap.
at | +
org-N,
water, | Ammonia
water, | +
nitrate
water | phos-
phate,
water, | Phos- | Organic
carbon, | Alum-
inum, |
| | water, | water, | water, | water, | water, | 180degC | fltrd, | fltrd, | fltrd, | fltrd, | water, | water, | water, |
| Date | fltrd,
mg/L | fltrd,
mg/L | fltrd,
mg/L | fltrd,
mg/L | fltrd,
mg/L | wat flt
mg/L | mg/L
as N | mg/L
as N | mg/L
as N | mg/L
as P | fltrd,
mg/L | fltrd,
mg/L | fltrd,
ug/L |
| | (71870) | (00940) | (00950) | (00955) | (00945) | (70300) | (00623) | (00608) | (00631) | (00671) | (00666) | (00681) | (01106) |
| 10-18-02 | | | | | | | .12 | .082 | .043 | .030 | .034 | | |
| 05-23-03 | | | | | | | .87 | .448 | .165 | .097 | .099 | | |
| 07-28-03 | | | | | | | 1.7 | .317 | .060 | .168 | .189 | | |
| 10-18-02 | | | | | | | .28 | .005 | .054 | .015 | .013 | | |
| 05-23-03 | | | | | | | .23 | .038 | .016 | .006 | .017 | | |
| 07-28-03 | | | | | | | .11 | .022 | .077 | .021 | .049 | | |
| 10-08-02 | .35 | 33.5 | <.17 | 14.5 | .2 | 181 | 5.0 | 2.45 | .102 | .174 | .179 | 11.3 | 21 |
| 05-14-03 | .22 | 26.6 | <.17 | 14.2 | 5.9 | 189 | 2.6 | 2.70 | .128 | .091 | .088 | 6.0 | |
| 07-15-03
10-18-02 | .02 | 30.6
62.6 | <.2
<.17 | 15.2
17.4 | 1.6
2.6 | 180
173 | 3.1
.27 | 2.70 | .156
.087 | .099
.014 | .101
.016 | 7.4
2.5 | 2 |
| 10 10 02 | .01 | 02.0 | 1117 | 17.11 | 2.0 | 1.0 | | .011 | , | .011 | .010 | 2.5 | - |
| 05-14-03 | .14 | 47.3 | <.17 | 12.0 | 4.6 | 172 | .25 | .204 | .058 | .028 | .076 | 3.6 | |
| 07-15-03 | .02 | 92.3 | <.2 | 16.1 | 2.6 | 239 | .28 | .156 | .091 | .019 | .020 | 2.3 | |
| 10-08-02
05-12-03 | E.08
.18 | 29.8
35.9 | <.17
<.17 | 22.1
17.0 | <.2
3.5 | 232
250 | 8.1
11 | 14.8
8.27 | .007
.127 | .236
.200 | .261
.205 | 15.2
12.2 | 32 |
| 07-14-03 | .28 | 40.8 | <.2 | 21.7 | <.2 | 251 | 15 | 13.5 | .253 | .224 | .227 | 13.0 | |
| | | | | | | | | | | | | | |
| 10-08-02 | .30 | 9.25 | <.17 | 21.8 | .8 | 90 | .21 | .069 | .031 | .085 | .078 | 2.5 | 3 |
| 05-12-03
07-14-03 | .08
<.02 | 15.3
20.6 | <.17
<.2 | 20.3
22.4 | E.7
1.1 | 113
117 | .12 | .126
.102 | .060
.124 | .080
.067 | .057
.068 | 1.6
.9 | |
| 10-18-02 | .25 | 18.8 | <.17 | 13.9 | <.2 | 118 | .30 | .177 | .047 | .291 | .286 | 4.3 | 17 |
| 05-12-03 | .06 | 42.8 | <.17 | 10.6 | <.9 | 164 | .37 | .278 | .078 | .025 | .169 | 4.3 | |
| | | | | | | | | | | | | | |
| 07-14-03
06-26-03 | .04 | 51.1 | <.2 | 12.3 | <.2 | 186 | .56
1.1 | .205 | .121 | .167
.097 | .174 | 3.8 | |
| 06-26-03 | | | | | | | .20 | .120 | .057 | .140 | .145 | 1.0 | |
| 10-16-02 | .43 | 35.2 | <.17 | 13.2 | <.2 | 147 | 5.6 | 1.34 | .072 | .245 | .244 | 5.7 | 12 |
| 05-16-03 | | | | | | | .04 | .023 | .007 | .001 | .002 | .9 | |
| 05-16-03 | .12 | 46.0 | <.2 | 13.0 | <.2 | 170 | 1.1 | .909 | .084 | .155 | .180 | 4.0 | |
| 07-17-03 | .39 | 40.4 | <.2 | 12.7 | <.2 | 157 | 1.7 | 1.05 | .083 | .212 | .211 | 4.8 | |
| 10-09-02 | | | | | | | 7.7 | .060 | .004 | .185 | .331 | | |
| 05-22-03 | | | | | | | .58 | .068 | .109 | .153 | .163 | | |
| 07-25-03 | | | | | | | .37 | .030 | .071 | .102 | .121 | | |
| 10-09-02 | | | | | | | .27 | .334 | .005 | .236 | .284 | | |
| 10-18-02 | .06 | 55.0 | <.17 | 26.9 | E.1 | 201 | | | | | | 4.2 | 7 |
| 05-19-03 | .16 | 75.0 | <.2 | 22.1 | .4 | 234 | .46 | .162 | .043 | .019 | .030 | 7.3 | |
| 07-15-03
10-09-02 | .13 | 62.7 | <.2 | 27.3 | .3 | 240 | .65
.21 | .357 | .165
.119 | .053 | .112 | 5.6 | |
| 10-09-02 | | | | | | | .21 | .009 | .115 | .026 | .020 | | |
| 05-22-03 | | | | | | | .40 | .022 | .049 | .047 | .110 | | |
| 07-28-03 | | | | | | | .23 | .027 | .059 | .132 | .133 | | |
| 10-18-02
05-20-03 | | | | | | | .19
.09 | .102
.021 | .022 | .087 | .136
.046 | | |
| 07-18-03 | | | | | | | .21 | .100 | .023 | .052 | .046 | | |
| | | | | | | | | | | | | | |
| 10-18-02 | | | | | | | .74 | .317 | .004 | .108 | .121 | | |
| 05-19-03 | .12 | 28.6 | <.2 | 12.5 | <.2 | 132 | .67
.79 | .439 | .075
.093 | .090
.090 | .099
.096 | 6.1 | |
| 07-18-03
10-16-02 | | | | | | | .10 | .463
.009 | .005 | .057 | .078 | | |
| 05-20-03 | | | | | | | .27 | .049 | .065 | .074 | .079 | | |
| | | | | | | | | | | | | | |
| 07-22-03 | | | | | | | .15 | .024 | .064 | .047 | .094 | | |
| 10-18-02
05-20-03 | | | | | | | .06
.85 | .001
.254 | .089 | .005
.069 | .012
.076 | | |
| 07-18-03 | | | | | | | .63 | .391 | .079 | .084 | .087 | | |
| 10-18-02 | | | | | | | .42 | .356 | .093 | .008 | .076 | | |
| 05 00 00 | | | | | | | 10 | 007 | 022 | 000 | 004 | | |
| 05-20-03
07-18-03 | | | | | | | .12
.14 | .087 | .033
.061 | .002 | .024 | | |
| 10-18-02 | .35 | 13.9 | <.17 | 18.8 | <.2 | 86 | .60 | .279 | .071 | .132 | .127 | 5.8 | 38 |
| 05-15-03 | .10 | 22.0 | <.2 | 6.98 | .5 | 95 | .49 | .231 | .041 | .085 | .088 | 5.8 | |
| 07-23-03 | .31 | 21.4 | <.2 | 12.7 | <.2 | 109 | .57 | .325 | .063 | .107 | .111 | 5.8 | |
| 06-25-03 | | | | | | | 6.9 | 6.91 | .157 | .151 | .162 | 15.1 | |
| 06-26-03 | | | | | | | .20 | .141 | .003 | .010 | .012 | .8 | |
| 10-16-02 | .24 | 29.7 | <.17 | 18.3 | E.1 | 128 | 1.8 | .791 | .029 | .173 | .179 | 3.8 | 4 |
| 05-13-03 | .59 | 20.7 | <.17 | 17.8 | <.9 | 132 | .83 | .674 | .051 | .134 | .147 | 3.2 | |
| 07-17-03 | E.01 | <.20 | <.2 | .02 | <.2 | <10 | | | | | | E.2 | |

COLD CREEK MONITORING PROJECT--Continued

| Date | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsenic
water,
fltrd,
ug/L
(01000) | Barium,
water,
fltrd,
ug/L
(01005) | Beryll-
ium,
water,
fltrd,
ug/L
(01010) | Cadmium
water,
fltrd,
ug/L
(01025) | Chromium,
water,
fltrd,
ug/L
(01030) | Cobalt
water,
fltrd,
ug/L
(01035) | Copper,
water,
fltrd,
ug/L
(01040) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) |
|----------------------|---|--|--|--|--|--|---|--|--|--|--|---|--|
| 10-18-02 | | | | | | | | | | | | | |
| 05-23-03 | | | | | | | | | | | | | |
| 07-28-03 | | | | | | | | | | | | | |
| 10-18-02 | | | | | | | | | | | | | |
| 05-23-03 | | | | | | | | | | | | | |
| 07-28-03 | | | | | | | | | | | | | |
| 10-08-02 | <.30 | <2 | 32 | <.06 | <.04 | <.8 | .270 | E.2 | 14100 | <.08 | 665 | 5.4 | .39 |
| 05-14-03 | | | | | | | | | 27600 | | 1260 | | |
| 07-15-03 | | | | | | | | | 24700 | | 1150 | | |
| 10-18-02 | <.30 | <2 | 53 | <.06 | .05 | <.8 | .428 | .8 | 1710 | E.06 | 54.0 | 5.7 | 2.81 |
| 05-14-03 | | | | | | | | | 4380 | | 346 | | |
| 07-15-03 | | | | | | | | | 3270 | | 174 | | |
| 10-08-02 | <.30 | E1 | 113 | <.06 | <.04 | <.8 | 1.54 | E.2 | 44700 | <.08 | 485 | 4.5 | .86 |
| 05-12-03 | | | | | | | | | 44400 | | 1090 | | |
| 07-14-03 | | | | | | | | | 55200 | | 992 | | |
| 10-08-02 | <.30 | E1 | 11 | <.06 | E.04 | <.8 | .671 | .2 | 6640 | <.08 | 106 | 13.0 | .18 |
| 05-12-03 | | | | | | | | | 12800 | | 230 | | |
| 07-14-03 | | | | | |
D 6 | | | 14000 | | 254 | | |
| 10-18-02
05-12-03 | <.30 | <2 | 10 | <.06 | .07 | E.6 | .039 | .6
 | 7560
14900 | .09 | 113
215 | 15.9 | .14 |
| 07-14-03 | | | | | | | | | 19500 | | 294 | | |
| 06-26-03 | | | | | | | | | | | | | |
| 06-26-03 | | | | | | | | | | | | | |
| 10-16-02 | <.30 | <2 | 21 | <.06 | E.02 | E.5 | .146 | E.2 | 13700 | <.08 | 196 | 9.4 | .20 |
| 05-16-03 | | | | | | | | | | | | | |
| 05-16-03 | | | | | | | | | 21100 | | 311 | | |
| 07-17-03 | | | | | | | | | 18400 | | 266 | | |
| 10-09-02
05-22-03 | | | | | | | | | | | | | |
| 07-25-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 10-18-02 | <.30 | 5 | 22 | <.06 | .39 | <.8 | .708 | .3 | 26400 | .09 | 338 | 38.8 | .49 |
| 05-19-03 | | | | | | | | | 7270 | | 268 | | |
| 07-15-03 | | | | | | | | | 19700 | | 368 | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-22-03 | | | | | | | | | | | | | |
| 07-28-03
10-18-02 | | | | | | | | | | | | | |
| 05-20-03 | | | | | | | | | | | | | |
| 07-18-03 | | | | | | | | | | | | | |
| 10-18-02 | | | | | | | | | | | | | |
| 05-19-03 | | | | | | | | | 17900 | | 263 | | |
| 07-18-03 | | | | | | | | | | | | | |
| 10-16-02 | | | | | | | | | | | | | |
| 05-20-03 | | | | | | | | | | | | | |
| 07-22-03
10-18-02 | | | | | | | | | | | | | |
| 10-18-02
05-20-03 | | | | | | | | | | | | | |
| 07-18-03 | | | | | | | | | | | | | |
| 10-18-02 | | | | | | | | | | | | | |
| 05-20-03 | | | | | | | | | | | | | |
| 07-18-03 | | | | | | | | | | | | | |
| 10-18-02 | <.30 | <2 | 20 | <.06 | .17 | E.6 | .310 | . 4 | 12400 | E.05 | 150 | 6.5 | .22 |
| 05-15-03
07-23-03 | | | | | | | | | 8810
11800 | | 103
138 | | |
| 06-25-03 | | | | | | | | | | | | | |
| 06-26-03 | | | | | | | | | | | | | |
| 10-16-02 | <.30 | <2 | 18 | <.06 | E.03 | <.8 | .107 | E.1 | 11600 | <.08 | 206 | 12.0 | .23 |
| 05-13-03 | | | | | | | | | 15300 | | 272 | | |
| 07-17-03 | | | | | | | | | 9 | | .8 | | |

QUALITY OF GROUND WATER COLD CREEK MONITORING PROJECT--Continued

| Date | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) | Zinc,
water,
fltrd,
ug/L
(01090) | Uranium
natural
water,
fltrd,
ug/L
(22703) | Iron (bio, reactive), water, fltrd, ug/L (63673) |
|----------------------|---|--|--|---|--|
| 10-18-02 | | | | | 1200 |
| 05-23-03 | | | | | 15000 |
| 07-28-03 | | | | | 360 |
| 10-18-02 | | | | | 100 |
| 05-23-03 | | | | | 55 |
| 07-28-03 | | | | | 4300 |
| 10-08-02 | <3 | <.2 | <1 | 2.44 | 37000 |
| 05-14-03 | | | | | 59000 |
| 07-15-03 | | | | | 15000 |
| 10-18-02 | <3 | E.1 | М | 1.23 | 1700 |
| 05-14-03 | | | | | 3500 |
| 07-15-03 | | | | | 1900 |
| 10-08-02 | <3 | <.2 | 1 | 1.97 | 36000 |
| 05-12-03 | | | | | 91000 |
| 07-14-03 | | | | | 24000 |
| 10-08-02 | <3 | E.1 | M | 3.84 | 6600 |
| 05-12-03 | | | | | 13000 |
| 07-14-03 | | | | | 6700 |
| 10-18-02 | <3 | <.2 | M | 4.49 | 7700 |
| 05-12-03 | | | | | 15000 |
| 07-14-03 | | | | | 9200 |
| 06-26-03 | | | | | 18000 |
| 06-26-03 | | | | | 12000 |
| 10-16-02 | <3 | <.2 | <1 | 3.52 | 14000 |
| 05-16-03 | | | | | 720 |
| 05 16 00 | | | | | 46000 |
| 05-16-03
07-17-03 | | | | | 46000
12000 |
| 10-09-02 | | | | | 8500 |
| 05-22-03 | | | | | 13000 |
| 07-25-03 | | | | | 5700 |
| | | | | | |
| 10-09-02 | | | | | 32000 |
| 10-18-02 | <3 | E.1 | 2 | 8.62 | 15000 |
| 05-19-03 | | | | | 15000 |
| 07-15-03
10-09-02 | | | | | 11000
7600 |
| | | | | | |
| 05-22-03 | | | | | 3300 |
| 07-28-03 | | | | | 3500 |
| 10-18-02 | | | | | 3800 |
| 05-20-03
07-18-03 | | | | | 5200 |
| 07-18-03 | | | | | 5400 |
| 10-18-02 | | | | | 12000 |
| 05-19-03 | | | | | 37000 |
| 07-18-03 | | | | | 12000 |
| 10-16-02 | | | | | 7300 |
| 05-20-03 | | | | | 11000 |
| 07-22-03 | | | | | 3000 |
| 10-18-02 | | | | | 210 |
| 05-20-03 | | | | | 5700 |
| 07-18-03 | | | | | 9000 |
| 10-18-02 | | | | | 14000 |
| 05-20-03 | | | | | 4400 |
| 07-18-03 | | | | | 2700 |
| 10-18-02 | <3 | <.2 | <1 | 4.13 | 14000 |
| 05-15-03 | | | | | 9500 |
| 07-23-03 | | | | | 7100 |
| 06-25-03 | | | | | 30000 |
| 06-26-03 | | | | | 54 |
| 10-16-02 | <3 | <.2 | M | 1.46 | 11000 |
| 05-13-03 | | | | | 16000 |
| 07-17-03 | | | | | |

COLD CREEK MONITORING PROJECT--Continued

| Station number | | | Station | name | | | Date | Time | Sample
type | Depth
of
well,
feet
below
LSD
(72008) | Depth
to
water
level,
feet
below
LSD
(72019) | Flow
rate,
instan-
taneous
gal/min
(00059) |
|-----------------|-----|---------|----------|------|-------|------------|----------|------|----------------|---|---|---|
| | 090 | N12 E18 | 02CCDC2 | COLD | CREEK | 13 SHALLOW | 07-17-03 | 1000 | ENVIRONMENTAL | 10.2 | | .10 |
| 385433119574402 | 090 | N12 E18 | 02CCDC3 | COLD | CREEK | 13 DEEP | 10-16-02 | 1145 | ENVIRONMENTAL | 15.25 | | .20 |
| | 090 | N12 E18 | 02CCDC3 | COLD | CREEK | 13 DEEP | 05-13-03 | 1230 | ENVIRONMENTAL | 15.25 | 4.17 | .10 |
| | 090 | N12 E18 | 02CCDC3 | COLD | CREEK | 13 DEEP | 07-17-03 | 1100 | ENVIRONMENTAL | 15.25 | | .10 |
| 385433119574403 | 090 | N12 E18 | 02CCDC4 | COLD | CREEK | 14 | 10-16-02 | 1215 | ENVIRONMENTAL | 5.48 | | .20 |
| 385433119574403 | 090 | N12 E18 | 02CCDC4 | COLD | CREEK | 14 | 05-13-03 | 1400 | ENVIRONMENTAL | 5.48 | 2.04 | .10 |
| | 090 | N12 E18 | 02CCDC4 | COLD | CREEK | 14 | 07-17-03 | 1145 | ENVIRONMENTAL | 5.48 | | .10 |
| 385433119574404 | 090 | N12 E18 | 02CCDC5 | COLD | CREEK | 16 | 10-16-02 | 1330 | ENVIRONMENTAL | 7.15 | | .20 |
| | 090 | N12 E18 | 02CCDC5 | COLD | CREEK | 16 | 05-20-03 | 1234 | ENVIRONMENTAL | 7.15 | | .10 |
| | 090 | N12 E18 | 02CCDC5 | COLD | CREEK | 16 | 07-25-03 | 1030 | ENVIRONMENTAL | 7.15 | | |
| 385433119574405 | 090 | N12 E18 | 02CCDC15 | COLD | CREEK | MP1B | 06-25-03 | 0945 | ENVIRONMENTAL | 5. | 2.50 | .20 |
| 385433119574406 | 090 | N12 E18 | 02CCDC16 | COLD | CREEK | MP1D | 06-25-03 | 1130 | ENVIRONMENTAL | 8. | 2.50 | .20 |
| 385433119574501 | 090 | N12 E18 | 02CCDC6 | COLD | CREEK | 17 SHALLOW | 10-09-02 | 1300 | ENVIRONMENTAL | 6.66 | | .03 |
| | 090 | N12 E18 | 02CCDC6 | COLD | CREEK | 17 SHALLOW | 05-21-03 | 1000 | ENVIRONMENTAL | 6.66 | | |
| 385433119574502 | 090 | N12 E18 | 02CCDC7 | COLD | CREEK | 17 DEEP | 10-09-02 | 1330 | ENVIRONMENTAL | 10.65 | | .05 |
| | 090 | N12 E18 | 02CCDC7 | COLD | CREEK | 17 DEEP | 05-21-03 | 1033 | ENVIRONMENTAL | 10.65 | | .10 |
| 385433119574503 | 090 | N12 E18 | 02CCDC8 | COLD | CREEK | 18 | 10-09-02 | 1230 | ENVIRONMENTAL | 5.08 | | .20 |
| | 090 | N12 E18 | 02CCDC8 | COLD | CREEK | 18 | 05-21-03 | 1110 | ENVIRONMENTAL | 5.08 | | .10 |
| 385433119574504 | 090 | N12 E18 | 02CCDC9 | COLD | CREEK | 19 SHALLOW | 10-09-02 | 1130 | ENVIRONMENTAL | 5.56 | | .15 |
| | 090 | N12 E18 | 02CCDC9 | COLD | CREEK | 19 SHALLOW | 05-21-03 | 1137 | ENVIRONMENTAL | 5.56 | | .10 |
| | 090 | N12 E18 | 02CCDC9 | COLD | CREEK | 19 SHALLOW | 07-21-03 | 1000 | ENVIRONMENTAL | 5.56 | | .02 |
| 385433119574505 | 090 | N12 E18 | 02CCDC11 | COLD | CREEK | 19 DEEP | 10-09-02 | 1200 | ENVIRONMENTAL | 10. | | .05 |
| | 090 | N12 E18 | 02CCDC11 | COLD | CREEK | 19 DEEP | 05-21-03 | 1205 | ENVIRONMENTAL | 10. | | .02 |
| | 090 | N12 E18 | 02CCDC11 | COLD | CREEK | 19 DEEP | 07-21-03 | 1100 | ENVIRONMENTAL | 10. | | .02 |
| 385433119574701 | 090 | N12 E18 | 02CCDC13 | COLD | CREEK | 22 | 10-09-02 | 1030 | ENVIRONMENTAL | 5.57 | | .20 |
| | 090 | N12 E18 | 02CCDC13 | COLD | CREEK | 22 | 05-22-03 | 1027 | ENVIRONMENTAL | 5.57 | | .10 |
| | 090 | | 02CCDC13 | COLD | CREEK | 22 | 07-25-03 | 1230 | ENVIRONMENTAL | 5.57 | | |
| 385433119574702 | 090 | N12 E18 | 02CCDC14 | | CREEK | | 10-09-02 | 0945 | ENVIRONMENTAL | 5.4 | | .10 |
| | 090 | N12 E18 | 02CCDC14 | COLD | CREEK | 23 | 05-22-03 | 1130 | ENVIRONMENTAL | 5.4 | | .10 |
| | 090 | N12 E18 | 02CCDC14 | COLD | CREEK | 23 | 07-28-03 | 1030 | ENVIRONMENTAL | 5.4 | | |
| 385433119574703 | 090 | N12 E18 | 02CCDC17 | | CREEK | | 06-24-03 | 1500 | ENVIRONMENTAL | 6. | 1.70 | .20 |
| 385433119574704 | 090 | | 02CCDC18 | | CREEK | | 06-24-03 | 1700 | ENVIRONMENTAL | 10.2 | 1.70 | .20 |
| 385434119574401 | 090 | N12 E18 | | | CREEK | | 05-15-03 | 1200 | ENVIRONMENTAL | 5.65 | 1.75 | .10 |
| | 090 | N12 E18 | | | CREEK | | 07-22-03 | 1100 | ENVIRONMENTAL | 5.65 | | .10 |
| 385434119574402 | 090 | N12 E18 | 02CCDC1 | COLD | CREEK | 12 | 10-18-02 | 1015 | ENVIRONMENTAL | 5.13 | | |
| | 090 | N12 E18 | 02CCDC1 | COLD | CREEK | 12 | 05-15-03 | 1045 | ENVIRONMENTAL | 5.13 | 1.90 | .10 |
| | 090 | N12 E18 | 02CCDC1 | COLD | CREEK | 12 | 07-22-03 | 1200 | ENVIRONMENTAL | 5.13 | | .10 |

QUALITY OF GROUND WATER COLD CREEK MONITORING PROJECT--Continued

| Date | Pump
or flow
period
prior
to sam-
pling,
minutes
(72004) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) | Sodium,
water,
fltrd,
mg/L
(00930) | Alka-
linity,
wat flt
inc tit
field,
mg/L as
CaCO3
(39086) | Bicar-
bonate,
wat flt
incrm.
titr.,
field,
mg/L
(00453) |
|----------|---|---|--|---|--|---|---|--|--|--|--|---|---|
| 07-17-03 | 25 | 612 | | 6.3 | 197 | 26.5 | 11.0 | 10.3 | 1.62 | 1.85 | 19.5 | 68 | 83 |
| 10-16-02 | 25 | 608 | .1 | 7.0 | 297 | | 11.4 | 11.2 | 1.57 | 1.89 | 23.9 | 62 | 76 |
| 05-13-03 | | 611 | .3 | 6.8 | 217 | | 9.8 | 11.4 | 1.41 | 1.64 | 16.0 | 77 | 93 |
| 07-17-03 | 30 | 612 | | 6.5 | 190 | 26.5 | 10.0 | 11.2 | 1.43 | 1.73 | 18.2 | 76 | 93 |
| 10-16-02 | 1 | 608 | .2 | 6.6 | 300 | | 11.4 | 15.4 | 2.33 | 3.55 | 29.1 | 68 | 84 |
| | | | | | | | | | | | | | |
| 05-13-03 | 1 | 611 | .3 | 6.4 | 248 | | 9.4 | 10.4 | 1.55 | 2.12 | 13.3 | 75 | 91 |
| 07-17-03 | 1 | 612 | | 6.3 | 174 | 27.0 | 7.0 | 10.3 | 1.59 | 2.93 | 19.4 | 54 | 66 |
| 10-16-02 | 30 | 608 | | 6.3 | 336 | | 13.0 | | | | | | |
| 05-20-03 | 20 | | | 6.9 | 335 | | 8.4 | | | | | | |
| 07-25-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 06-25-03 | 15 | | | 6.6 | 256 | 14.5 | 10.0 | | | | | 96 | 117 |
| 06-25-03 | 15 | | | 6.6 | 167 | 18.0 | 10.0 | | | | | 58 | 71 |
| 10-09-02 | 3 | 610 | | 6.9 | 374 | | 12.7 | | | | | | |
| 05-21-03 | | | | 7.4 | 350 | | 14.1 | | | | | | |
| 10-09-02 | | 610 | | 6.9 | 595 | | 12.5 | | | | | | |
| | | | | | | | | | | | | | |
| 05-21-03 | 5 | | | 7.0 | 233 | | 8.3 | | | | | | |
| 10-09-02 | 5 | | | 7.0 | 265 | | 9.4 | | | | | | |
| 05-21-03 | | | | 6.6 | 160 | | 7.4 | | | | | | |
| 10-09-02 | 1 | 610 | | 6.9 | 245 | | 10.0 | | | | | | |
| 05-21-03 | 20 | | | 6.2 | 100 | | 7.6 | | | | | | |
| 07-21-03 | 30 | | | 5.7 | 102 | | 14.0 | | | | | | |
| 10-09-02 | 3 | 610 | | 7.0 | 288 | | 9.9 | | | | | | |
| 05-21-03 | 20 | | | 7.2 | 220 | | 13.4 | | | | | | |
| 07-21-03 | 20 | | | 6.9 | 301 | | 13.0 | | | | | | |
| 10-09-02 | 20 | | | 6.7 | 234 | | 9.6 | | | | | | |
| | | | | | | | | | | | | | |
| 05-22-03 | 15 | | | 6.9 | 220 | | 6.2 | | | | | | |
| 07-25-03 | | | | | | | | | | | | | |
| 10-09-02 | 1 | 610 | | 5.8 | 44 | | 9.7 | | | | | | |
| 05-22-03 | 10 | | | 6.6 | 122 | | 7.8 | | | | | | |
| 07-28-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 06-24-03 | | | | 5.8 | 235 | 21.0 | 10.0 | | | | | 20 | 25 |
| 06-24-03 | | | | 6.5 | 276 | 16.0 | 9.0 | | | | | 50 | 61 |
| 05-15-03 | | 611 | | 6.4 | 237 | 17.0 | 7.6 | 13.0 | 2.07 | 1.45 | 21.0 | 49 | 60 |
| 07-22-03 | 30 | 620 | | 5.9 | 289 | 27.5 | 14.0 | 12.5 | 1.93 | 1.43 | 26.7 | 48 | 59 |
| 10-18-02 | | | | 6.4 | 120 | | | 6.70 | 1.11 | .98 | 13.1 | | |
| 05 15 03 | | 610 | | <i>c</i> 4 | 216 | 17.0 | <i>c</i> 2 | 12 7 | 2 20 | 1 40 | 19.6 | 64 | 70 |
| 05-15-03 | | 610
620 | | 6.4 | 316 | 17.0 | 6.2 | 13.7 | 2.20 | 1.46 | | 64
54 | 78 |
| 07-22-03 | 30 | 620 | | 6.1 | 227 | | 14.0 | 9.94 | 1.53 | E.98 | 16.9 | 54 | 65 |

COLD CREEK MONITORING PROJECT--Continued

| | | | | | | Residue | Ammonia | | ¹ Nitrite | Ortho- | | | |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|---------|---------|---------|---------|
| | | | | | | on | + | | + | phos- | | | |
| | | Chlor- | Fluor- | | | evap. | org-N, | Ammonia | nitrate | phate, | Phos- | Organic | Alum- |
| | Bromide | ide, | ide, | Silica, | Sulfate | at | water, | water, | water | water, | phorus, | carbon, | inum, |
| | water, | water, | water, | water, | water, | 180degC | fltrd, | fltrd, | fltrd, | fltrd, | water, | water, | water, |
| Date | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | wat flt | mg/L | mg/L | mg/L | mg/L | fltrd, | fltrd, | fltrd, |
| | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | as N | as N | as N | as P | mg/L | mg/L | ug/L |
| | (71870) | (00940) | (00950) | (00955) | (00945) | (70300) | (00623) | (00608) | (00631) | (00671) | (00666) | (00681) | (01106) |
| 07-17-03 | .49 | 25.8 | <.2 | 18.5 | <.2 | 131 | 1.0 | .734 | .084 | .155 | .157 | 2.3 | |
| 10-16-02 | E.12 | 30.6 | <.17 | 23.9 | E.1 | 144 | .38 | .510 | .009 | .013 | .165 | 2.8 | 5 |
| 05-13-03 | .32 | 15.6 | <.17 | 23.8 | E.6 | 131 | .39 | .415 | .038 | .146 | .153 | 1.8 | |
| 07-17-03 | .44 | 18.7 | <.2 | 23.2 | .2 | 124 | .65 | .259 | .129 | .135 | .147 | 1.9 | |
| 10-16-02 | .26 | 50.5 | <.17 | 17.0 | E.2 | 190 | 1.7 | 1.05 | .029 | .094 | .195 | 10.1 | 12 |
| 05-13-03 | .45 | 23.8 | <.17 | 22.3 | 3.6 | 164 | .58 | .305 | .074 | .382 | .408 | 7.7 | |
| 07-17-03 | .82 | 28.1 | <.2 | 18.1 | .5 | 151 | 1.2 | .394 | .121 | .328 | .333 | 8.5 | |
| 10-16-02 | | | | | | | 2.9 | 1.56 | .031 | .100 | .115 | | |
| 05-20-03 | | | | | | | 1.8 | 1.32 | .136 | .097 | .110 | | |
| 07-25-03 | | | | | | | 1.6 | 1.50 | .111 | .134 | .155 | | |
| 06-25-03 | | | | | | | .95 | .770 | .132 | .185 | .186 | 4.1 | |
| 06-25-03 | | | | | | | .32 | .237 | .019 | .062 | .065 | 1.1 | |
| 10-09-02 | | | | | | | .05 | .041 | .005 | .025 | .039 | | |
| 05-21-03 | | | | | | | .29 | .095 | .034 | .026 | .031 | | |
| 10-09-02 | | | | | | | .16 | .011 | .041 | .003 | .015 | | |
| | | | | | | | | | | | | | |
| 05-21-03 | | | | | | | .15 | .017 | .051 | .002 | .034 | | |
| 10-09-02 | | | | | | | .04 | .036 | .009 | .041 | .132 | | |
| 05-21-03 | | | | | | | .33 | .016 | .048 | .074 | .081 | | |
| 10-09-02 | | | | | | | .30 | .037 | .024 | .202 | .296 | | |
| 05-21-03 | | | | | | | .35 | .016 | .051 | .131 | .135 | | |
| 07-21-03 | | | | | | | .47 | .030 | .045 | .080 | .093 | | |
| 10-09-02 | | | | | | | .29 | .035 | .032 | .286 | .336 | | |
| 05-21-03 | | | | | | | .31 | .038 | .030 | .067 | .067 | | |
| 07-21-03 | | | | | | | .17 | .109 | .089 | .258 | .306 | | |
| 10-09-02 | | | | | | | 1.5 | .216 | .005 | .034 | .038 | | |
| 05-22-03 | | | | | | | .49 | .180 | .079 | .056 | .063 | | |
| 07-25-03 | | | | | | | .42 | .175 | .088 | .055 | .090 | | |
| 10-09-02 | | | | | | | .10 | .007 | .021 | .134 | .181 | | |
| 05-22-03 | | | | | | | .24 | .019 | .052 | .142 | .145 | | |
| 07-28-03 | | | | | | | .54 | .100 | .046 | .229 | .253 | | |
| 06-24-03 | | | | | | | .29 | .016 | .024 | .017 | .019 | 5.8 | |
| 06-24-03 | | | | | | | .47 | .218 | .137 | .199 | .225 | 4.1 | |
| 05-15-03 | .05 | 46.9 | <.2 | 18.8 | .6 | 173 | .51 | .312 | .069 | .085 | .098 | 5.9 | |
| 07-22-03 | .24 | 51.8 | <.2 | 17.8 | <.2 | 184 | .67 | .314 | .073 | .071 | .079 | 4.8 | |
| 10-18-02 | .04 | 15.1 | <.17 | 18.9 | <.2 | 100 | .64 | .449 | .004 | .153 | .167 | 5.4 | 35 |
| 05-15-03 | E.02 | 53.0 | <.2 | 17.8 | <.2 | 206 | .61 | .509 | .102 | .092 | .129 | 6.5 | |
| 07-22-03 | .25 | 36.0 | <.2 | 17.8 | E.1 | 166 | .79 | .479 | .116 | .204 | .208 | 6.3 | |
| 00 | | | | | | | | | | | | | |

COLD CREEK MONITORING PROJECT--Continued

| Date | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsenic
water,
fltrd,
ug/L
(01000) | Barium,
water,
fltrd,
ug/L
(01005) | Beryll-
ium,
water,
fltrd,
ug/L
(01010) | Cadmium
water,
fltrd,
ug/L
(01025) | Chrom-
ium,
water,
fltrd,
ug/L
(01030) | Cobalt
water,
fltrd,
ug/L
(01035) | Copper,
water,
fltrd,
ug/L
(01040) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) |
|----------------------|---|--|--|--|--|---|---|--|--|--|--|---|--|
| 07-17-03 | | | | | | | | | 15200 | | 271 | | |
| 10-16-02 | <.30 | 2 | 17 | <.06 | .04 | <.8 | .477 | .3 | 16500 | E.05 | 192 | 18.3 | .31 |
| 05-13-03 | | | | | | | | | 17100 | | 170 | | |
| 07-17-03 | | | | | | | | | 22800 | | 177 | | |
| 10-16-02 | < .30 | E1 | 43 | <.06 | .14 | E.7 | 1.37 | .4 | 24000 | <.08 | 234 | 20.2 | .80 |
| | | | | | | | | | | | | | |
| 05-13-03 | | | | | | | | | 21600 | | 136 | | |
| 07-17-03 | | | | | | | | | 25800 | | 170 | | |
| 10-16-02 | | | | | | | | | | | | | |
| 05-20-03 | | | | | | | | | | | | | |
| 07-25-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 06-25-03 | | | | | | | | | | | | | |
| 06-25-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-21-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 05-21-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-21-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-21-03 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 07-21-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-21-03
07-21-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-22-03 | | | | | | | | | | | | | |
| 05-22-03 | | | | | | | | | | | | | |
| 10-09-02 | | | | | | | | | | | | | |
| 05-22-03 | | | | | | | | | | | | | |
| 07-28-03 | | | | | | | | | | | | | |
| 07 20 03 | | | | | | | | | | | | | |
| 06-24-03 | | | | | | | | | | | | | |
| 06-24-03 | | | | | | | | | | | | | |
| 05-15-03 | | | | | | | | | 17000 | | 139 | | |
| 07-22-03 | | | | | | | | | 14800 | | 124 | | |
| 10-18-02 | <.30 | E2 | 18 | <.06 | .09 | 1.0 | 1.78 | .3 | 17500 | E.05 | 171 | 10.0 | .45 |
| 52 | | | | | | | | | | | | | |
| 05-15-03 | | | | | | | | | 28900 | | 310 | | |
| 07-22-03 | | | | | | | | | 21100 | | 195 | | |
| | | | | | | | | | | | | | |

COLD CREEK MONITORING PROJECT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | | | | | Iron
(bio |
|----------|---------|---------|---------|---------|--------------|
| | Selen- | | | Uranium | reac- |
| | ium, | Silver, | Zinc, | natural | tive), |
| | water, | water, | water, | water, | water, |
| Date | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, |
| | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (01145) | (01075) | (01090) | (22703) | (63673) |
| 07-17-03 | | | | | 10000 |
| 10-16-02 | <3 | <.2 | M | 2.09 | 19000 |
| 05-13-03 | | | | | 17000 |
| 07-17-03 | | | | | 10000 |
| 10-16-02 | <3 | <.2 | 7 | 2.30 | 23000 |
| 05-13-03 | | | | | 57000 |
| 07-17-03 | | | | | 11000 |
| 10-16-02 | | | | | 25000 |
| 05-20-03 | | | | | 60000 |
| 07-25-03 | | | | | 11000 |
| 06-25-03 | | | | | 25000 |
| 06-25-03 | | | | | 4600 |
| 10-09-02 | | | | | 15000 |
| 05-21-03 | | | | | 24000 |
| 10-09-02 | | | | | 110 |
| 05-21-03 | | | | | 24 |
| 10-09-02 | | | | | 13000 |
| 05-21-03 | | | | | 12000 |
| 10-09-02 | | | | | 18000 |
| 05-21-03 | | | | | 12000 |
| 07-21-03 | | | | | 2800 |
| 10-09-02 | | | | | 17000 |
| 05-21-03 | | | | | 29000 |
| 07-21-03 | | | | | 5400 |
| 10-09-02 | | | | | 21000 |
| 05-22-03 | | | | | 28000 |
| 07-25-03 | | | | | 9400 |
| 10-09-02 | | | | | 1900 |
| 05-22-03 | | | | | 5200 |
| 07-28-03 | | | | | 2100 |
| 06-24-03 | | | | | 2000 |
| 06-24-03 | | | | | 24000 |
| 05-15-03 | | | | | 18000 |
| 07-22-03 | | | | | 11000 |
| 10-18-02 | <3 | E.1 | М | 4.21 | 21000 |
| 05-15-03 | | | | | 62000 |
| 07-22-03 | | | | | 15000 |
| | | | | | |

Remark codes used in this report:

< -- Less than
E -- Estimated value

M -- Presence verified, not quantified

 $^{^{\}rm 1}$ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

COLD CREEK MONITORING PROJECT

Water-level data were collected in the Cold Creek watershed as part of a cooperative study with El Dorado County Department of Transportation and California Tahoe Conservancy. The purpose of the study is to assess effects of urban runoff into a detention basin adjacent to Cold Creek. Water Level Method--S, steel tape; T, electric tape; V, calibrated electric tape.

The following sites are shown in figure 35.

| | | Well | Elevation
(Feet | | evel (Bel | low Land S | burface) |
|-----------------------|---------------------|-----------------|---------------------|--------------------------|--------------|--------------|----------|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | Time | (Feet) | Method |
| COLD CREEK 01 | 385432119574001 | 5.55 | 6278.84 | 10/04/2002 | 1330 | 3.07 | V |
| | | | | 11/05/2002 | 1057 | 3.07 | V |
| | | | | 03/27/2003 | 1439 | 3.67 | V |
| | | | | 06/23/2003 | 1102 | 2.55 | V |
| | | | | 07/29/2003 | 1153 | 2.88 | V |
| | | | | 08/04/2003 | 1205 | 2.81 | S |
| | | | | 08/27/2003 | 1218 | 2.93 | V |
| COLD CDEEK 02 | 205122110551002 | | c201 55 | 09/25/2003 | 1423 | 3.10 | V |
| COLD CREEK 02 | 385432119574002 | 6.75 | 6281.57 | 10/04/2002 | 1320 | 5.61 | V |
| | | | | 11/05/2002 | 1059 | 5.81 | V |
| | | | | 06/23/2003 | 1055 | 5.0 | V |
| | | | | 07/29/2003
08/04/2003 | 1156
1204 | 5.35
5.34 | V
S |
| | | | | 08/04/2003 | 1217 | 5.48 | V |
| | | | | 09/25/2003 | 1420 | 5.65 | V |
| COLD CREEK 03 DEEP | 385432119574302 | 15.1 | 6281 21 | 10/04/2002 | 1307 | 9.10 | V |
| COLD CREEK 03 DELI | 303432117374302 | 13.1 | 0201.21 | 11/05/2002 | 1052 | 8.94 | V |
| | | | | 03/27/2003 | 1213 | 6.64 | V |
| | | | | 04/10/2003 | 1018 | 6.10 | V |
| | | | | 05/29/2003 | 1135 | 7.32 | V |
| | | | | 06/23/2003 | 0953 | 8.00 | V |
| | | | | 07/29/2003 | 1140 | 7.44 | V |
| | | | | 08/04/2003 | 1155 | 7.08 | S |
| | | | | 08/27/2003 | 1213 | 7.27 | V |
| | | | | 09/25/2003 | 1407 | 8.74 | V |
| COLD CREEK 03 SHALLOW | 385432119574301 | 10.2 | 6281.23 | 10/04/2002 | 1315 | 9.14 | V |
| | | | | 11/05/2002 | 1052 | 9.04 | V |
| | | | | 12/04/2002 | 1500 | 8.41 | V |
| | | | | 03/27/2003 | 1215 | 6.72 | V |
| | | | | 04/10/2003 | 1015 | 7.70 | V |
| | | | | 05/29/2003 | 1134 | 7.46 | V |
| | | | | 06/23/2003 | 0952 | 8.16 | V |
| | | | | 07/29/2003 | 1142 | 7.60 | V |
| | | | | 08/04/2003 | 1157 | 7.23 | S |
| | | | | 08/27/2003 | 1212 | 7.42 | V |
| COLD CDEEK 04 | 205422110574201 | 10.2 | 6070.10 | 09/25/2003 | 1409 | 8.82 | V |
| COLD CREEK 04 | 385433119574201 | 10.2 | 62/9.12 | 10/04/2002 | 1302 | 5.93 | V |
| | | | | 11/05/2002
12/04/2002 | 1050
1511 | 5.85
4.38 | V
V |
| | | | | 03/13/2003 | 1214 | 4.56 | V |
| | | | | 03/13/2003 | 1214 | 4.18 | V |
| | | | | 04/10/2003 | 1022 | 3.44 | v |
| | | | | 05/29/2003 | 1141 | 4.64 | v |
| | | | | 06/23/2003 | 0959 | 5.17 | V |
| | | | | 07/29/2003 | 1137 | 4.87 | V |
| | | | | 08/04/2003 | 1153 | 4.64 | S |
| | | | | 08/27/2003 | 1211 | 4.73 | V |
| | | | | 09/25/2003 | 1403 | 5.74 | V |
| COLD CREEK 05 | 385433119574202 | 10.2 | 6278.03 | 10/04/2002 | 1259 | 5.99 | V |
| | | | | 11/05/2002 | 1049 | 5.91 | T |
| | | | | 12/04/2002 | 1510 | 5.40 | V |
| | | | | 03/13/2003 | 1211 | 4.56 | V |
| | | | | 04/10/2003 | 1024 | 4.30 | V |
| | | | | 05/29/2003 | 1143 | 4.54 | V |
| | | | | 06/23/2003 | 1002 | 5.13 | V |
| | | | | 07/29/2003 | 1135 | 4.80 | V |
| | | | | 08/04/2003 | 1148 | 4.55 | S |
| | | | | 08/27/2003 | 1210 | 4.70 | V |
| | | | | 09/25/2003 | 1400 | 5.72 | V |

COLD CREEK MONITORING PROJECT--Continued

Well (Feet Depth Above Sea (Feet) Level)

Water Level (Below Land Surface)

Local Well No Site Identification Date Time (Feet)

GROUND-WATER LEVELS COLD CREEK MONITORING PROJECT--Continued

| | | Well | Elevation
Well (Feet – | Water Level (Below Land Surface) | | | |
|--------------------|---------------------|-------|---------------------------|----------------------------------|--------------|--------------|--------|
| Local Well No | Site Identification | | Above Sea
Level) | Date | Time | (Feet) | Method |
| COLD CREEK 09 | 385432119574305 | 9.9 | 6279.30 | 06/10/2003 | 0900 | 6.35 | V |
| | | | | 06/23/2003 | 0945 | 6.87 | V |
| | | | | 07/29/2003 | 1149 | 6.70 | V |
| | | | | 08/04/2003 | 1134 | 6.47 | S |
| | | | | 08/27/2003 | 1214 | 6.66 | V |
| | | | | 09/25/2003 | 1414 | 7.56 | V |
| COLD CREEK 10 | 385433119574303 | 10.2 | 6276.39 | 10/04/2002 | 1224 | 5.44 | V |
| | | | | 11/05/2002 | 1046 | 5.44 | V |
| | | | | 12/04/2002 | 1541 | 5.01 | V |
| | | | | 03/13/2003 | 1235 | 4.65 | V |
| | | | | 04/10/2003 | 1040 | 4.25 | V |
| | | | | 05/29/2003 | 1156
1045 | 4.22
4.15 | V
V |
| | | | | 06/02/2003
06/09/2003 | 0815 | 4.13 | V
V |
| | | | | 06/23/2003 | 1010 | 4.54 | V |
| | | | | 07/29/2003 | 1127 | 4.59 | V |
| | | | | 08/04/2003 | 1130 | 4.41 | Š |
| | | | | 08/27/2003 | 1205 | 4.63 | V |
| | | | | 09/25/2003 | 1350 | 5.31 | v |
| COLD CREEK 11 | 385434119574401 | 5.65 | 6272.83 | 10/04/2002 | 1220 | 2.32 | V |
| | | | | 11/05/2002 | 1030 | 2.38 | T |
| | | | | 12/04/2002 | 1526 | 2.21 | V |
| | | | | 03/13/2003 | 1226 | 1.97 | V |
| | | | | 03/27/2003 | 1233 | 2.04 | V |
| | | | | 04/10/2003 | 1042 | 1.92 | V |
| | | | | 05/29/2003 | 1155 | 1.44 | V |
| | | | | 06/02/2003 | 1105 | 1.30 | V |
| | | | | 06/09/2003 | 0854 | 1.23 | V |
| | | | | 06/23/2003 | 1012 | 1.89 | V |
| | | | | 07/29/2003 | 1123 | 1.99 | V |
| | | | | 08/04/2003 | 1128 | 1.83 | S |
| | | | | 08/27/2003 | 1203 | 2.12 | V |
| GOLD GDDDV 12 | 205424110554402 | 5 10 | coas 14 | 09/25/2003 | 1347 | 2.38 | V |
| COLD CREEK 12 | 385434119574402 | 5.13 | 62/5.14 | 10/04/2002 | 1216 | 2.31 | V |
| | | | | 11/05/2002 | 1028 | 2.37 | V |
| | | | | 12/04/2002
03/13/2003 | 1555
1228 | 2.26
2.40 | V
V |
| | | | | 03/13/2003 | 1235 | 2.40 | V |
| | | | | 03/27/2003 | 1045 | 2.04 | V |
| | | | | 05/29/2003 | 1156 | 1.51 | V |
| | | | | 06/10/2003 | 0920 | 0.92 | V |
| | | | | 06/23/2003 | 1013 | 1.64 | V |
| | | | | 07/29/2003 | 1121 | 2.09 | V |
| | | | | 08/04/2003 | 1126 | 2.05 | V |
| | | | | 08/27/2003 | 1202 | 2.25 | V |
| | | | | 09/25/2003 | 1343 | 2.42 | V |
| COLD CREEK 13 DEEP | 385433119574402 | 15.25 | 6275.69 | 10/04/2002 | 1208 | 5.23 | V |
| | | | | 11/05/2002 | 1044 | 5.18 | V |
| | | | | 12/04/2002 | 1546 | 4.98 | V |
| | | | | 03/13/2003 | 1132 | 4.37 | V |
| | | | | 03/27/2003 | 1254 | 4.15 | V |
| | | | | 04/10/2003 | 1051 | 4.31 | V |
| | | | | 05/27/2003 | 1227 | 4.15 | V |
| | | | | 05/29/2003 | 1207 | 4.00 | V |
| | | | | 06/23/2003 | 1019 | 4.35 | V |
| | | | | 07/29/2003 | 1114 | 4.60 | V |
| | | | | 08/04/2003 | 1121 | 4.47 | S |
| | | | | 08/27/2003 | 1201 | 4.68 | V |
| | | | | 09/25/2003 | 1335 | 5.12 | V |

COLD CREEK MONITORING PROJECT--Continued

| | | Well | Elevation
(Feet | Water L | evel (Bel | ow Land S | Surface) |
|-----------------------|---------------------|-----------------|---------------------|--------------------------|--------------|--------------|----------|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | Time | (Feet) | Method |
| COLD CREEK 13 SHALLOW | 385433119574401 | 10.2 | 6272.64 | 10/04/2002 | 1212 | 4.10 | V |
| | | | | 11/05/2002 | 1044 | 4.02 | T |
| | | | | 12/04/2002 | 1550 | 3.63 | V |
| | | | | 03/13/2003 | 1123 | 2.88 | V |
| | | | | 03/27/2003
04/10/2003 | 1252
1048 | 2.38
3.66 | V
V |
| | | | | 05/27/2003 | 1225 | 2.80 | V |
| | | | | 05/29/2003 | 1205 | 2.70 | V |
| | | | | 06/23/2003 | 1018 | 3.21 | V |
| | | | | 07/29/2003 | 1116 | 3.09 | V |
| | | | | 08/04/2003 | 1119 | 2.88 | S |
| | | | | 08/27/2003 | 1201 | 3.13 | V |
| COLD CREEK 14 | 385433119574403 | 5.48 | 6272 60 | 09/25/2003
10/04/2002 | 1333
1208 | 3.89
2.53 | V
V |
| COLD CREEK 14 | 363433119374403 | 3.40 | 0272.00 | 03/13/2003 | 1154 | 2.27 | V |
| | | | | 03/27/2003 | 1250 | 2.16 | V |
| | | | | 04/10/2003 | 1116 | 2.22 | V |
| | | | | 05/27/2003 | 1404 | 1.69 | V |
| | | | | 05/29/2003 | 1151 | 1.50 | V |
| | | | | 06/23/2003 | 1022 | 1.70 | V |
| | | | | 07/29/2003 | 1111 | 2.14 | V |
| | | | | 08/04/2003
08/27/2003 | 1117
1202 | 2.10
2.34 | S
V |
| | | | | 09/25/2003 | 1330 | 2.50 | V |
| COLD CREEK 15 | 385432119574401 | 10.2 | 6278.33 | 10/04/2002 | 1202 | 7.42 | V |
| | | | | 11/05/2002 | 1031 | 7.32 | V |
| | | | | 12/04/2002 | 1615 | 7.93 | V |
| | | | | 03/13/2003 | 1255 | 8.50 | V |
| | | | | 03/27/2003 | 1315 | 8.01 | V |
| | | | | 04/10/2003 | 1113 | 5.42 | V |
| | | | | 06/02/2003
06/10/2003 | 1114
0839 | 6.01
7.30 | V
V |
| | | | | 06/23/2003 | 1023 | 8.66 | v |
| | | | | 07/29/2003 | 1108 | 6.50 | V |
| | | | | 08/04/2003 | 1115 | 6.34 | S |
| | | | | 08/27/2003 | 1158 | 6.54 | V |
| | | | | 09/25/2003 | 1328 | 7.45 | V |
| COLD CREEK 16 | 385433119574404 | 7.15 | 6273.47 | 10/04/2002 | 1200 | 2.97 | V |
| | | | | 11/05/2002 | 1024 | 2.87 | V |
| | | | | 12/04/2002
03/13/2003 | 1600
1155 | 2.54
1.17 | V
V |
| | | | | 03/27/2003 | 1312 | 1.32 | v |
| | | | | 04/10/2003 | 1114 | 1.61 | V |
| | | | | 06/02/2003 | 1120 | 1.65 | V |
| | | | | 06/10/2003 | 0816 | 1.65 | S |
| | | | | 06/23/2003 | 1024 | 1.57 | V |
| | | | | 07/29/2003 | 1106 | 2.25 | V |
| | | | | 08/04/2003
08/27/2003 | 1112
1157 | 2.10
2.33 | S
V |
| | | | | 09/25/2003 | 1325 | 2.97 | V |
| COLD CREEK 17 DEEP | 385433119574502 | 10.65 | 6272.82 | 10/04/2002 | 1152 | 2.49 | V |
| | | | | 11/05/2002 | 1021 | 2.41 | T |
| | | | | 12/04/2002 | 1601 | 2.12 | V |
| | | | | 03/13/2003 | 1155 | 1.17 | V |
| | | | | 03/27/2003 | 1257 | 1.00 | V |
| | | | | 04/10/2003 | 1054 | 1.25 | V |
| | | | | 06/02/2003 | 1125 | 1.06 | V
V |
| | | | | 06/23/2003
07/29/2003 | 1027
1100 | 1.59
1.78 | V
V |
| | | | | 08/04/2003 | 1110 | 1.76 | S |
| | | | | 08/27/2003 | 1156 | 1.90 | V |
| | | | | 09/25/2003 | 1320 | 2.36 | V |
| | | | | | | | |

GROUND-WATER LEVELS COLD CREEK MONITORING PROJECT--Continued

| | | Well | Elevation
(Feet | Water Level (Below Land Surface) | | | |
|-----------------------|---------------------|--------|---------------------|----------------------------------|--------------|--------------|--------|
| Local Well No | Site Identification | (Feet) | Above Sea
Level) | Date | Time | (Feet) | Method |
| COLD CREEK 17 SHALLOW | 385433119574501 | 6.66 | 6272.71 | 10/04/2002 | 1156 | 2.61 | V |
| | | | | 11/05/2002 | 1023 | 2.38 | V |
| | | | | 12/04/2002 | 1602 | 2.04 | V |
| | | | | 03/13/2003 | 1154 | .78 | V |
| | | | | 03/27/2003 | 1256 | .75 | V |
| | | | | 04/10/2003 | 1053 | 1.18 | V |
| | | | | 06/02/2003 | 1123 | 1.30 | V |
| | | | | 06/23/2003 | 1025 | 1.90 | V
V |
| | | | | 07/29/2003
08/04/2003 | 1102
1109 | 1.98
1.74 | s
S |
| | | | | 08/04/2003 | 1156 | 2.03 | V |
| | | | | 09/25/2003 | 1318 | 2.74 | V |
| COLD CREEK 18 | 385433119574503 | 5.08 | 6271.93 | 10/04/2002 | 1148 | 2.70 | v |
| | | | | 11/05/2002 | 1020 | 2.81 | V |
| | | | | 12/04/2002 | 1558 | 2.69 | V |
| | | | | 03/13/2003 | 1158 | 2.11 | V |
| | | | | 03/27/2003 | 1259 | 2.20 | V |
| | | | | 04/10/2003 | 1057 | 2.04 | V |
| | | | | 06/02/2003 | 1130 | 1.19 | V |
| | | | | 06/12/2003 | 0843 | 1.19 | V |
| | | | | 07/29/2003 | 1057 | 1.79 | V |
| | | | | 08/04/2003 | 1107 | 2.17 | S |
| | | | | 08/27/2003 | 1154 | 2.48 | V |
| COLD CREEK 10 DEED | 295422110574505 | 10 | 6272 11 | 09/25/2003 | 1325 | 2.61 | V |
| COLD CREEK 19 DEEP | 385433119574505 | 10. | 02/2.11 | 10/04/2002
11/05/2002 | 1140
1019 | 2.91
2.90 | V
V |
| | | | | 12/04/2002 | 1606 | 2.43 | V |
| | | | | 03/13/2003 | 1201 | 1.67 | V |
| | | | | 03/27/2003 | 1302 | 1.71 | V |
| | | | | 04/10/2003 | 1058 | 1.78 | V |
| | | | | 06/02/2003 | 1136 | 1.41 | V |
| | | | | 06/23/2003 | 1035 | 1.95 | V |
| | | | | 06/24/2003 | 1119 | 2.09 | V |
| | | | | 07/29/2003 | 1053 | 3.50 | V |
| | | | | 08/04/2003 | 1105 | 3.70 | S |
| | | | | 08/27/2003 | 1153 | 3.34 | V |
| COLD CREEK 10 CHALLOW | 205422110574504 | 5.50 | (272.10 | 09/25/2003 | 1310 | 3.23 | V |
| COLD CREEK 19 SHALLOW | 385433119574504 | 5.56 | 6272.19 | 10/04/2002
11/05/2002 | 1144
1019 | 3.08
2.99 | V
V |
| | | | | 12/04/2002 | 1605 | 2.79 | V |
| | | | | 03/13/2003 | 1200 | 1.28 | V |
| | | | | 03/27/2003 | 1300 | 1.48 | v |
| | | | | 04/10/2003 | 1059 | 1.80 | V |
| | | | | 06/02/2003 | 1133 | 1.56 | V |
| | | | | 06/23/2003 | 1035 | 1.95 | V |
| | | | | 07/29/2003 | 1054 | 2.64 | V |
| | | | | 08/04/2003 | 1103 | 2.49 | S |
| | | | | 08/27/2003 | 1153 | 2.84 | V |
| | | | | 09/25/2003 | 1310 | 3.23 | V |
| COLD CREEK 20 | 385432119574501 | 7.15 | 6272.77 | 10/04/2002 | 1130 | 2.95 | V |
| | | | | 11/05/2002
12/04/2002 | 1024 | 3.13 | V |
| | | | | 03/13/2003 | 1603
1231 | 2.79 | V
V |
| | | | | 03/13/2003 | 1311 | 1.67
.72 | V
V |
| | | | | 04/10/2003 | 1108 | 1.24 | V |
| | | | | 06/02/2003 | 1141 | 1.53 | V |
| | | | | 06/02/2003 | 0752 | 1.66 | V |
| | | | | 06/23/2003 | 1039 | 1.61 | v |
| | | | | 07/29/2003 | 1051 | 2.60 | V |
| | | | | 08/04/2003 | 1101 | 2.20 | S |
| | | | | 08/27/2003 | 1153 | 2.59 | V |
| | | | | 09/25/2003 | 1307 | 3.30 | V |
| | | | | | | | |

COLD CREEK MONITORING PROJECT--Continued

| | | | | Water Level (Below Land Surface) | | | | |
|---------------|---------------------|-------------------------|------------------------------|----------------------------------|------|--------|--------|--|
| Local Well No | Site Identification | Well
Depth
(Feet) | (Feet
Above Sea
Level) | Date | Time | (Feet) | Method | |
| COLD CREEK 21 | 385432119574601 | 4.95 | 6272.19 | 10/04/2002 | 1130 | 2.95 | V | |
| | | | | 11/05/2002 | 1018 | 2.96 | T | |
| | | | | 12/04/2002 | 1608 | 2.75 | V | |
| | | | | 03/13/2003 | 1148 | 1.48 | V | |
| | | | | 03/27/2003 | 1304 | 1.45 | V | |
| | | | | 04/10/2003 | 1106 | 1.86 | V | |
| | | | | 06/02/2003 | 1145 | 1.49 | V | |
| | | | | 06/12/2003 | 0845 | 1.66 | V | |
| | | | | 06/23/2003 | 1042 | 2.13 | V | |
| | | | | 07/29/2003 | 1048 | 2.38 | V | |
| | | | | 08/04/2003 | 1059 | 2.32 | S | |
| | | | | 08/27/2003 | 1152 | 2.60 | V | |
| | | | | 09/25/2003 | 1301 | 2.84 | V | |
| COLD CREEK 22 | 385433119574701 | 5.57 | 6271.94 | 10/04/2002 | 1126 | 3.21 | V | |
| | | | | 11/05/2002 | 1010 | 3.22 | V | |
| | | | | 12/04/2002 | 1611 | 3.07 | V | |
| | | | | 03/13/2003 | 1146 | 1.62 | V | |
| | | | | 03/27/2003 | 1305 | 1.63 | V | |
| | | | | 04/10/2003 | 1101 | 2.22 | V | |
| | | | | 06/02/2003 | 1150 | 1.94 | V | |
| | | | | 06/12/2003 | 0913 | 1.95 | V | |
| | | | | 06/23/2003 | 1044 | 2.26 | V | |
| | | | | 07/29/2003 | 1045 | 2.77 | V | |
| | | | | 08/04/2003 | 1057 | 2.70 | S | |
| | | | | 08/27/2003 | 1148 | 2.96 | V | |
| | | | | 09/25/2003 | 1358 | 3.16 | V | |
| COLD CREEK 23 | 385433119574702 | 5.4 | 6271.08 | 11/04/2002 | 1122 | 2.57 | V | |
| | | | | 11/05/2002 | 0950 | 2.60 | V | |
| | | | | 12/04/2002 | 1610 | 2.52 | V | |
| | | | | 03/13/2003 | 1144 | 2.19 | V | |
| | | | | 03/27/2003 | 1307 | 1.72 | V | |
| | | | | 04/10/2003 | 1103 | 2.00 | V | |
| | | | | 06/02/2003 | 1154 | 1.39 | V | |
| | | | | 06/23/2003 | 1047 | 1.85 | V | |
| | | | | 07/29/2003 | 1043 | 2.25 | V | |
| | | | | 08/04/2003 | 1055 | 2.19 | S | |
| | | | | 08/27/2003 | 1151 | 2.45 | V | |
| | | | | 09/25/2003 | 1245 | 3.57 | V | |
| COLD CREEK 24 | 385432119574701 | 5.5 | 6271.97 | 10/04/2002 | 1118 | 3.58 | V | |
| | | | | 11/05/2002 | 0948 | 3.52 | V | |
| | | | | 12/04/2002 | 1623 | 3.35 | V | |
| | | | | 03/27/2003 | 1309 | 4.47 | V | |
| | | | | 04/10/2003 | 1104 | 2.40 | V | |
| | | | | 06/02/2003 | 1157 | 2.34 | V | |
| | | | | 06/12/2003 | 0942 | 2.39 | V | |
| | | | | 06/23/2003 | 1049 | 2.67 | V | |
| | | | | 07/29/2003 | 1040 | 3.18 | V | |
| | | | | 08/04/2003 | 1052 | 3.14 | S | |
| | | | | 08/27/2003 | 1150 | 3.34 | V | |
| | | | | 09/25/2003 | 1245 | 3.57 | V | |

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency from surface-water sites throughout the Lake Tahoe Basin to monitor long-term nutrient and sediment concentrations. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data." The following sites are shown in figure 18 and 19.

| Station numbe | er Station name | Date | Time | Sample
type | Instan-
taneous
dis-
charge,
cfs
(00061) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) |
|---------------|--|----------|------|----------------|---|---|--|
| 10336580 | UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD | 08-06-03 | 1345 | ENVIRONMENTAL | 7.6 | | |
| | NEAR MEYERS CA | 08-06-03 | 1350 | REPLICATE | | | |
| 103366092 | UPPER TRUCKEE RIVER AT HIGWAY 50 ABOVE MEYERS CA | 08-06-03 | 1200 | ENVIRONMENTAL | 19 | | |
| | | 08-06-03 | 1205 | REPLICATE | | | |
| 10336610 | UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE CALIF | 08-06-03 | 0945 | ENVIRONMENTAL | 17 | | |
| | | 08-06-03 | 0950 | REPLICATE | | | |
| 10336645 | GENERAL CREEK NEAR MEEKS BAY CA | 08-14-03 | 1750 | ENVIRONMENTAL | .80 | 611 | 6.8 |
| | | 08-14-03 | 1755 | REPLICATE | | 611 | 6.8 |
| 10336660 | BLACKWOOD CREEK NEAR TAHOE CITY CALIF | 08-14-03 | 1635 | ENVIRONMENTAL | 2.8 | 611 | 7.2 |
| | | 08-14-03 | 1640 | REPLICATE | | 611 | 7.2 |
| 10336674 | WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY CA | 08-14-03 | 1330 | ENVIRONMENTAL | .50 | | |
| | | 08-14-03 | 1335 | REPLICATE | | | |
| 10336676 | WARD CREEK AT HY 89 NEAR TAHOE PINES, CALIF | 08-14-03 | 1525 | ENVIRONMENTAL | 1.3 | 612 | 7.2 |
| | | 08-14-03 | 1530 | REPLICATE | | 612 | 7.2 |
| 10336698 | THIRD CREEK NEAR CRYSTAL BAY, NV | 08-04-03 | 1645 | ENVIRONMENTAL | 2.0 | | |
| | | 08-04-03 | 1650 | REPLICATE | | | |
| 103366993 | INCLINE CREEK ABOVE TYROL VILLAGE NEAR | 08-04-03 | 1215 | ENVIRONMENTAL | 2.7 | | |
| | INCLINE VILLAGE NV | 08-04-03 | 1220 | REPLICATE | | | |
| 103366995 | INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV | 08-04-03 | 1350 | ENVIRONMENTAL | 2.6 | | |
| | | 08-04-03 | 1355 | REPLICATE | | | |
| 10336700 | INCLINE CREEK NEAR CRYSTAL BAY, NV | 08-04-03 | 1530 | ENVIRONMENTAL | 2.4 | | |
| | | 08-04-03 | 1535 | REPLICATE | | | |
| 10336730 | GLENBROOK CREEK AT GLENBROOK, NV | 08-05-03 | 1610 | ENVIRONMENTAL | .20 | | |
| | | 08-05-03 | 1615 | REPLICATE | | | |
| 10336740 | LOGAN HOUSE CREEK NEAR GLENBROOK, NV | 08-05-03 | 1415 | ENVIRONMENTAL | .10 | | |
| | | 08-05-03 | 1420 | REPLICATE | | | |
| 103367592 | EAGLE ROCK CREEK NEAR STATELINE, NV | 08-05-03 | 0920 | ENVIRONMENTAL | .60 | | |
| | | 08-05-03 | 0925 | REPLICATE | | | |
| 10336760 | EDGEWOOD CREEK AT STATELINE, NV | 08-05-03 | 1240 | ENVIRONMENTAL | 2.1 | | |
| | | 08-05-03 | 1245 | REPLICATE | | | |
| 10336770 | TROUT CREEK AT USFS ROAD 12N01 NEAR MEYERS CA | 08-08-03 | 1510 | ENVIRONMENTAL | 5.9 | | |
| | | 08-08-03 | 1515 | REPLICATE | | | |
| 10336775 | TROUT CREEK AT PIONEER TRAIL NEAR SOUTH | 08-08-03 | 1240 | ENVIRONMENTAL | 10 | | |
| | LAKE TAHOE CA | 08-08-03 | 1245 | REPLICATE | | | |
| 10336790 | TROUT CREEK AT SOUTH LAKE TAHOE CALIF | 08-08-03 | 0925 | ENVIRONMENTAL | E25 | | |
| | | 08-08-03 | 0930 | REPLICATE | | | |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

Water-Quality Data, October 2002 to September 2003

| | | | | | | | | | Ammonia | | ¹ Nitrite | Ortho- | |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|---------|---------|
| | Tur- | | | Dis- | pН, | Specif. | | | + | | + | phos- | |
| | bidity, | Baro- | | solved | water, | conduc- | | | org-N, | Ammonia | nitrate | phate, | Phos- |
| | water, | metric | Dis- | oxygen, | unfltrd | tance, | Temper- | Temper- | water, | water, | water | water, | phorus, |
| | unfltrd | pres- | solved | percent | field, | wat unf | ature, | ature, | unfltrd | fltrd, | fltrd, | fltrd, | water, |
| Date | field, | sure, | oxygen, | of sat- | std | uS/cm | air, | water, | mg/L | mg/L | mg/L | mg/L | unfltrd |
| | NTU | mm Hg | mg/L | uration | units | 25 degC | deg C | deg C | as N | as N | as N | as P | mg/L |
| | (61028) | (00025) | (00300) | (00301) | (00400) | (00095) | (00020) | (00010) | (00625) | (00608) | (00631) | (00671) | (00665) |
| 10-23-02 | .2 | 582 | 8.2 | 98 | 7.4 | 8 | 9.5 | 11.1 | .09 | .004 | .002 | .001 | .004 |
| 10-23-02 | .2 | 582 | 8.2 | 98 | 7.4 | 8 | 9.5 | 11.1 | .12 | .003 | .005 | .001 | .005 |
| 06-17-03 | 1.9 | 583 | 8.7 | 116 | 8.9 | 8 | 23.0 | 16.2 | .11 | .001 | .006 | .002 | .013 |
| 08-14-03 | .3 | 587 | 6.9 | 90 | 9.6 | 31 | 21.0 | 15.5 | .10 | .011 | .012 | .001 | .009 |
| 10-23-02 | .7 | 603 | 7.5 | 86 | 7.3 | 23 | 10.5 | 10.9 | .26 | .099 | .030 | .014 | .029 |
| 06-18-03 | .4 | 604 | 7.7 | 105 | 7.5 | 20 | 25.0 | 19.0 | .07 | .008 | .010 | .002 | .005 |
| 08-14-03 | .4 | 610 | 7.3 | 95 | 8.0 | 22 | 24.5 | 17.0 | .08 | .001 | .011 | .001 | .007 |
| 10-22-02 | 3.1 | 570 | 6.5 | 73 | 6.8 | 53 | 7.5 | 7.7 | 1.6 | .003 | .036 | .004 | .020 |
| 06-19-03 | 6.9 | 570 | 7.1 | 82 | 6.4 | 48 | 15.0 | 8.9 | | .005 | .072 | .005 | .039 |
| 08-11-03 | 3.2 | 579 | 7.6 | 86 | 8.0 | 54 | 22.5 | 8.5 | .12 | .010 | .064 | .003 | .019 |
| 10-30-02 | .5 | 580 | 7.8 | 90 | 6.6 | 7 | 6.0 | 9.7 | .08 | .001 | .005 | .001 | .005 |
| 10-30-02 | .2 | 580 | 7.7 | 89 | 7.0 | 7 | 6.0 | 9.7 | .17 | .001 | .004 | .002 | .005 |
| 06-17-03 | .4 | 583 | 8.6 | 111 | 7.6 | 7 | 21.0 | 14.5 | .08 | .003 | .010 | .003 | .006 |
| 06-17-03 | .4 | 583 | 9.8 | 106 | 7.6 | 7 | 21.0 | 6.9 | .08 | .003 | .006 | .001 | .006 |
| 08-19-03 | .4 | 586 | 9.0 | 124 | 9.3 | 6 | 22.5 | 18.0 | .11 | .011 | .004 | .001 | .004 |
| 08-19-03 | .5 | 586 | 10.5 | 116 | 7.0 | 6 | 22.5 | 8.3 | .13 | .006 | .003 | .001 | .004 |
| 06-17-03 | .2 | 583 | 9.0 | 108 | 8.8 | 5 | 23.0 | 11.4 | .06 | .003 | .018 | .002 | .005 |
| 06-17-03 | .5 | 583 | 10.1 | 111 | 8.8 | 5 | 23.0 | 7.6 | .07 | .002 | .015 | .002 | .005 |
| 08-19-03 | .5 | 586 | 8.7 | 121 | 7.1 | 5 | 22.0 | 18.5 | .09 | .006 | .004 | M | .006 |
| 08-19-03 | .5 | 586 | 7.8 | 105 | 6.9 | 5 | 22.0 | 16.6 | .10 | .006 | .004 | .001 | .006 |
| 10-28-02 | .2 | 605 | 8.0 | 95 | 7.9 | 22 | 14.0 | 12.5 | .04 | .001 | .003 | .001 | .005 |
| 10-28-02 | .2 | 605 | 9.6 | 100 | 7.8 | 20 | 14.0 | 6.9 | .03 | .003 | .004 | .001 | .004 |
| 05-29-03 | | 606 | 8.6 | 99 | 7.4 | 21 | 18.0 | 11.3 | .04 | .005 | .003 | .001 | .004 |
| 05-29-03 | | 606 | 8.9 | 90 | 7.6 | 20 | 18.0 | 6.1 | .05 | .014 | .008 | .001 | .003 |
| 08-12-03 | | | 8.8 | | 7.7 | 19 | 19.5 | 17.4 | .10 | .012 | .047 | M | .005 |
| 08-12-03 | | | 10.5 | | 7.6 | 19 | 19.5 | 7.0 | .06 | .006 | .008 | M | .006 |
| 10-29-02 | 1.4 | 590 | 9.2 | 101 | 9.6 | 445 | 8.5 | 8.1 | .52 | M | .003 | .003 | .014 |
| 05-28-03 | | 596 | 9.6 | 130 | 9.4 | 372 | 24.0 | 17.7 | | .005 | .007 | .001 | .020 |
| 05-28-03 | | 596 | 7.9 | 103 | 9.6 | 389 | 24.0 | 15.8 | | .005 | .006 | .001 | .018 |
| 08-13-03 | | 595 | 6.0 | 82 | 9.6 | 428 | 19.0 | 18.3 | .41 | .001 | .003 | .001 | .019 |
| 08-13-03 | | 595 | 6.0 | 82 | 9.6 | 428 | 19.0 | 18.3 | .64 | .003 | .003 | .001 | .018 |
| 08-13-03 | | 595 | .3 | 4 | 7.8 | 678 | 19.0 | 16.5 | .89 | .008 | .024 | .001 | .030 |
| 10-22-02 | 3.3 | 570 | 7.4 | 88 | | 42 | 9.0 | 9.9 | | M | .003 | .001 | .011 |
| 10-22-02 | 2.8 | 570 | 7.2 | 85 | | 41 | 9.0 | 9.8 | | ND | .004 | .001 | .012 |
| 06-19-03 | .7 | 570 | 7.6 | 104 | 7.7 | 42 | 25.0 | 16.1 | .38 | .005 | .005 | .001 | .008 |
| 06-19-03 | 1.1 | 570 | 5.6 | 60 | 7.3 | 42 | 25.0 | 5.6 | | .004 | .004 | .001 | .012 |
| 08-11-03 | .5 | 579 | 7.0 | 98 | 7.8 | 42 | 22.5 | 18.2 | .17 | .009 | .005 | .001 | .006 |
| 08-11-03 | .8 | 579 | 8.5 | 102 | 7.8 | 43 | 22.5 | 11.2 | .28 | .011 | .008 | .001 | .011 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

| | | | | | Ammonia | | | | ¹ Nitrite | | Ortho- | Ortho- | |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|---------|---------|---------|---------|
| | Dis- | Specif. | | | + | + | | | + | + | phos- | phos- | |
| | solved | conduc- | | | org-N, | org-N, | | Ammonia | | | phate, | phate, | Phos- |
| | oxygen, | tance, | Temper- | Temper- | water, | water, | water, | water, | water | water | water, | water, | phorus, |
| | percent | wat unf | ature, | ature, | fltrd, | unfltrd | fltrd, | unfltrd | fltrd, | unfltrd | fltrd, | unfltrd | water, |
| Date | of sat- | uS/cm | air, | water, | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | fltrd, |
| | uration | 25 degC | deg C | deg C | as N | as N | as P | as P | mg/L |
| | (00301) | (00095) | (00020) | (00010) | (00623) | (00625) | (00608) | (00610) | (00631) | (00630) | (00671) | (70507) | (00666) |
| 08-06-03 | | 40 | 18.5 | 12.4 | | .16 | .004 | | .011 | | .016 | | .033 |
| 08-06-03 | | | | | | .14 | .004 | | .012 | | .017 | | .031 |
| 08-06-03 | | 65 | 19.5 | 14.5 | | .18 | < .003 | | .006 | | .005 | | .017 |
| 08-06-03 | | | | | | .15 | <.003 | | .006 | | .005 | | .016 |
| 08-06-03 | | 71 | 15.0 | 14.7 | | .18 | <.003 | | .011 | | .005 | | .019 |
| 08-06-03 | | | | | | .16 | <.003 | | .011 | | .005 | | .018 |
| 08-14-03 | 89 | 55 | 23.8 | 17.5 | | .11 | <.003 | | .002 | | .015 | | .021 |
| 08-14-03 | 89 | 55 | 23.8 | 17.5 | | .08 | <.003 | | .003 | | .016 | | .023 |
| 08-14-03 | 98 | 68 | 24.5 | 19.5 | | .06 | <.003 | | .002 | | .008 | | .016 |
| 08-14-03 | 98 | 68 | 24.5 | 19.5 | | .08 | <.003 | | .002 | | .008 | | .015 |
| 08-14-03 | | 42 | | | | .08 | <.003 | | .002 | | .003 | | .009 |
| 08-14-03 | | 42 | | | | .08 | .003 | | .002 | | .003 | | .011 |
| | | | | | | | | | | | | | |
| 08-14-03 | 99 | 69 | 27.0 | 20.0 | | .12 | < .003 | | .002 | | .010 | | .018 |
| 08-14-03 | | 69 | 27.0 | | | .11 | <.003 | | .002 | | .009 | | .017 |
| 08-04-03 | | 67 | 21.0 | 15.5 | | .11 | .008 | | .013 | | .011 | | |
| 08-04-03 | | | | | | .10 | .008 | | .013 | | .011 | | .028 |
| 08-04-03 | | 40 | 20.0 | 10.0 | | .07 | .004 | | .017 | | .013 | | .021 |
| 08-04-03 | | | | | | .09 | .004 | | .017 | | .013 | | .022 |
| 08-04-03 | | 50 | 21.0 | 12.5 | | .17 | <.003 | | .023 | | .015 | | .025 |
| 08-04-03 | | | | | | .17 | .002 | | .022 | | .014 | | .027 |
| 08-04-03 | | 82 | 23.0 | 14.0 | | .22 | .006 | | .024 | | .015 | | .028 |
| 08-04-03 | | | | | | .22 | .006 | | .024 | | .015 | | .027 |
| 08-05-03 | | 497 | 20.0 | 13.5 | | .21 | .007 | | .017 | | .014 | | .030 |
| 08-05-03 | | 497 | | | | .21 | .008 | | .018 | | .014 | | .029 |
| 08-05-03 | | 160 | 20.5 | 10.5 | | .12 | <.003 | | .016 | | .003 | | .014 |
| 08-05-03 | | | | | | .10 | <.003 | | .015 | | .003 | | .015 |
| 08-05-03 | | 59 | 11.5 | 7.9 | .06 | .18 | <.003 | .004 | .032 | .034 | .029 | .04 | .040 |
| 08-05-03 | | | | | | .19 | <.003 | .003 | .033 | .036 | .029 | .03 | .042 |
| 08-05-03 | | 106 | 19.5 | 12.0 | | .23 | <.003 | | .007 | | .020 | | .033 |
| 08-05-03 | | | | | | .18 | <.003 | | .008 | | .019 | | .033 |
| | | | | | | | | | | | | | |
| 08-08-03 | | 47 | 20.0 | 9.6 | .07 | .09 | .003 | .004 | .006 | .005 | .011 | .01 | .016 |
| 08-08-03 | | 47 | | | .04 | .10 | .004 | .004 | .006 | .005 | .011 | .01 | .018 |
| 08-08-03 | | 51 | 21.5 | 13.2 | .06 | .11 | .004 | .004 | .006 | .005 | .010 | .01 | .015 |
| 08-08-03 | | 51 | | | .06 | .10 | .004 | .004 | .006 | .006 | .009 | .01 | .016 |
| 08-08-03 | | 44 | 17.0 | 10.5 | .07 | .12 | .003 | .004 | .008 | .009 | .009 | .01 | .015 |
| 08-08-03 | | 44 | | | .05 | .13 | <.003 | .003 | .008 | .009 | .009 | .01 | .017 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | | Iron
(bio | Sus-
pended | Sus- | Iron
(bio |
|----------|---------|--------------|----------------|---------|--------------|
| | Phos- | reac- | sedi- | pended | reac- |
| | phorus, | tive), | ment | sedi- | tive), |
| | water, | water, | concen- | ment | water, |
| Date | unfltrd | unfltrd | tration | load, | fltrd, |
| | mg/L | ug/L | mg/L | tons/d | ug/L |
| | (00665) | (46568) | (80154) | (80155) | (63673) |
| 08-06-03 | .032 | | 2 | .04 | |
| 08-06-03 | .030 | | | | |
| 08-06-03 | .021 | | 1 | . 05 | |
| 08-06-03 | .019 | | | | |
| 08-06-03 | .019 | | 4 | .18 | |
| 08-06-03 | .019 | | | | |
| 08-14-03 | .025 | | 1 | <.01 | |
| 08-14-03 | .025 | | | | |
| 08-14-03 | .024 | | 3 | .02 | |
| 08-14-03 | .022 | | | | |
| 08-14-03 | .011 | | <1 | <.01 | |
| 08-14-03 | .011 | | | | |
| 08-14-03 | .025 | | 1 | < .01 | |
| 08-14-03 | .026 | | | | |
| 08-04-03 | .026 | | 5 | .03 | |
| 08-04-03 | .025 | | | | |
| 08-04-03 | .028 | | 3 | .02 | |
| 08-04-03 | .031 | | | | |
| 08-04-03 | .037 | | 7 | .05 | |
| 08-04-03 | .040 | | | | |
| 08-04-03 | .049 | | 12 | .08 | |
| 08-04-03 | .048 | | | | |
| 08-05-03 | .043 | | 5 | < .01 | |
| 08-05-03 | .044 | | | | |
| 08-05-03 | .015 | | <1 | <.01 | |
| 08-05-03 | .015 | | | | |
| 08-05-03 | .058 | 400 | 9 | .01 | 42 |
| 08-05-03 | .059 | 304 | | | 42 |
| 08-05-03 | .057 | | 3 | .02 | |
| 08-05-03 | .054 | | | | |
| 08-08-03 | .019 | 114 | 1 | .02 | 41 |
| 08-08-03 | .019 | 105 | | | 36 |
| 08-08-03 | .023 | 283 | 2 | . 05 | 152 |
| 08-08-03 | .024 | 271 | | | 144 |
| 08-08-03 | .026 | 444 | 5 | E.33 | 175 |
| 08-08-03 | .025 | 408 | | | 173 |

Remark codes used in this report: < -- Less than E -- Estimated value

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency to determine the nutrient concentrations in five lakes and associated outlet streams in the Lake Tahoe Basin. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data." The following sites are shown in figure 18 and 19.

Water-Quality Data, October 2002 to September 2003

| | water-Quarity Data, Octob | ber 2002 to ser | prember | 2003 | | | |
|-----------------|--|-----------------|---------|------------------|---|--|---|
| Station number | Station name | Date | Time | Sample
type | Instan-
taneous
dis-
charge,
cfs
(00061) | Sam-
pling
depth,
meters
(00098) | Trans-
parency
Secchi
disc,
meters
(00078) |
| 103366082 | ECHO CREEK AT OUTLET NEAR PHILLIPS CA | 10-23-02 | 1100 | ENVIRONMENTAL | 5.9 | | |
| 10330002 | Dollo Giller III Goller IIII III III III III | 10-23-02 | 1105 | REPLICATE | 5.9 | | |
| | | 06-17-03 | 1430 | ENVIRONMENTAL | 6.2 | | |
| | | 08-14-03 | 0900 | ENVIRONMENTAL | .36 | .10 | |
| 10336626 | TAYLOR CREEK NEAR CAMP RICHARDSON CALIF | 10-23-02 | 1410 | ENVIRONMENTAL | 6.1 | | |
| | | 06-18-03 | 1200 | ENVIRONMENTAL | 81 | | |
| | | 08-14-03 | 1040 | ENVIRONMENTAL | 4.7 | | |
| 10336715 | MARLETTE CREEK NEAR CARSON CITY, NV | 10-22-02 | 1250 | ENVIRONMENTAL | .03 | | |
| | | 06-19-03 | 1140 | ENVIRONMENTAL | .02 | | |
| | | 08-11-03 | 1120 | ENVIRONMENTAL | .01 | | |
| 385023120032501 | LOWER ECHO LAKE SAMPLE SITE NEAR CENTER | 10-30-02 | 0930 | ENVIRONMENTAL | | 1.0 | 9.50 |
| 303023120032301 | DOWER ECHO DARE SAFEDE SITE NEAR CENTER | 10-30-02 | 1000 | ENVIRONMENTAL | | 9.0 | 9.50 |
| | | 06-17-03 | 1020 | ENVIRONMENTAL | | 1.0 | 7.00 |
| | | 06-17-03 | 1050 | ENVIRONMENTAL | | 8.0 | 7.00 |
| | | 08-19-03 | 1015 | ENVIRONMENTAL | | 1.0 | 8.30 |
| | | 00 15 05 | 1013 | DIVVIRONIBIVITAD | | 1.0 | 0.50 |
| | | 08-19-03 | 1030 | ENVIRONMENTAL | | 12.0 | 8.30 |
| 385035120042301 | UPPER ECHO LAKE SAMPLE SITE NEAR CENTER | 06-17-03 | 1150 | ENVIRONMENTAL | | 1.0 | 6.20 |
| | | 06-17-03 | 1215 | ENVIRONMENTAL | | 4.0 | 6.20 |
| | | 08-19-03 | 1110 | ENVIRONMENTAL | | 1.0 | 6.50 |
| | | 08-19-03 | 1130 | ENVIRONMENTAL | | 6.0 | 6.50 |
| 385356120035001 | FALLEN LEAF LAKE SAMPLE SITE 1 | 10-28-02 | 1200 | ENVIRONMENTAL | | 1.0 | 16.2 |
| | | 10-28-02 | 1230 | ENVIRONMENTAL | | 30.0 | 16.2 |
| | | 05-29-03 | 0945 | ENVIRONMENTAL | | 1.0 | 12.2 |
| | | 05-29-03 | 1000 | ENVIRONMENTAL | | 20.0 | 12.2 |
| | | 08-12-03 | 0905 | ENVIRONMENTAL | | 1.0 | 9.50 |
| | | 08-12-03 | 0930 | ENVIRONMENTAL | | 25.0 | 9.50 |
| 390625119542801 | SPOONER LAKE SAMPLE SITE NEAR CENTER | 10-29-02 | 1030 | ENVIRONMENTAL | | 1.0 | 3.20 |
| | | 05-28-03 | 1020 | ENVIRONMENTAL | | 1.0 | 3.50 |
| | | 05-28-03 | 1030 | ENVIRONMENTAL | | 3.0 | 3.50 |
| | | 08-13-03 | 0830 | ENVIRONMENTAL | | 1.0 | 1.00 |
| | | 08-13-03 | 0840 | REPLICATE | | 1.0 | 1.00 |
| | | 08-13-03 | 0900 | ENVIRONMENTAL | | 3.0 | 1.00 |
| 391033119540301 | MARLETTE LAKE SAMPLE SITE NEAR CENTER | 10-22-02 | 1000 | ENVIRONMENTAL | | 1.0 | 2.40 |
| | | 10-22-02 | 1030 | ENVIRONMENTAL | | 5.0 | 2.40 |
| | | 06-19-03 | 0940 | ENVIRONMENTAL | | 1.0 | 6.50 |
| | | 06-19-03 | 1000 | ENVIRONMENTAL | | 9.0 | 6.50 |
| | | 08-11-03 | 1010 | ENVIRONMENTAL | | 1.0 | 8.30 |
| | | 08-11-03 | 1030 | ENVIRONMENTAL | | 9.0 | 8.30 |
| | | | · · · · | | | | |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

Water-Quality Data, October 2002 to September 2003

| | | | | | | | | | Ammonia | | ¹ Nitrite | Ortho- | |
|----------|---------|------------|---------|----------|---------|---------|---------|---------|---------|---------|----------------------|---------|---------|
| | Tur- | | | Dis- | pH, | Specif. | | | + | | + | phos- | |
| | bidity, | Baro- | | solved | water, | conduc- | | | org-N, | Ammonia | nitrate | phate, | Phos- |
| | water, | metric | Dis- | oxygen, | unfltrd | tance, | Temper- | Temper- | water, | water, | water | water, | phorus, |
| | unfltrd | pres- | solved | percent | field, | wat unf | ature, | ature, | unfltrd | fltrd, | fltrd, | fltrd, | water, |
| Date | field, | sure, | oxygen, | of sat- | std | uS/cm | air, | water, | mg/L | mg/L | mg/L | mg/L | unfltrd |
| | NTU | mm Hg | mg/L | uration | units | 25 degC | deg C | deg C | as N | as N | as N | as P | mg/L |
| | (61028) | (00025) | (00300) | (00301) | (00400) | (00095) | (00020) | (00010) | (00625) | (00608) | (00631) | (00671) | (00665) |
| 10-23-02 | .2 | 582 | 8.2 | 98 | 7.4 | 8 | 9.5 | 11.1 | .09 | .004 | .002 | .001 | .004 |
| 10-23-02 | .2 | 582
582 | 8.2 | 98
98 | 7.4 | 8 | 9.5 | 11.1 | .12 | .004 | .002 | .001 | .004 |
| 06-17-03 | 1.9 | 583 | 8.7 | 116 | 8.9 | 8 | 23.0 | 16.2 | .12 | .003 | .005 | .001 | .003 |
| 08-14-03 | .3 | 587 | 6.9 | 90 | 9.6 | 31 | 21.0 | 15.5 | .10 | .011 | .012 | .002 | .013 |
| 10-23-02 | .7 | 603 | 7.5 | 86 | 7.3 | 23 | 10.5 | 10.9 | .10 | .011 | .012 | .014 | .009 |
| 10-23-02 | . / | 603 | 7.5 | 86 | 7.3 | 23 | 10.5 | 10.9 | .26 | .099 | .030 | .014 | .029 |
| 06-18-03 | .4 | 604 | 7.7 | 105 | 7.5 | 20 | 25.0 | 19.0 | .07 | .008 | .010 | .002 | .005 |
| 08-14-03 | . 4 | 610 | 7.3 | 95 | 8.0 | 22 | 24.5 | 17.0 | .08 | .001 | .011 | .001 | .007 |
| 10-22-02 | 3.1 | 570 | 6.5 | 73 | 6.8 | 53 | 7.5 | 7.7 | 1.6 | .003 | .036 | .004 | .020 |
| 06-19-03 | 6.9 | 570 | 7.1 | 82 | 6.4 | 48 | 15.0 | 8.9 | | .005 | .072 | .005 | .039 |
| 08-11-03 | 3.2 | 579 | 7.6 | 86 | 8.0 | 54 | 22.5 | 8.5 | .12 | .010 | .064 | .003 | .019 |
| 10-30-02 | .5 | 580 | 7.8 | 90 | 6.6 | 7 | 6.0 | 9.7 | .08 | .001 | .005 | .001 | .005 |
| 10-30-02 | .2 | 580 | 7.7 | 89 | 7.0 | 7 | 6.0 | 9.7 | .17 | .001 | .004 | .002 | .005 |
| 06-17-03 | .4 | 583 | 8.6 | 111 | 7.6 | 7 | 21.0 | 14.5 | .08 | .003 | .010 | .002 | .006 |
| 06-17-03 | .4 | 583 | 9.8 | 106 | 7.6 | 7 | 21.0 | 6.9 | .08 | .003 | .006 | .001 | .006 |
| 08-19-03 | .4 | 586 | 9.0 | 124 | 9.3 | 6 | 22.5 | 18.0 | .11 | .011 | .004 | .001 | .004 |
| 00-19-03 | | 300 | 5.0 | 124 | 9.5 | 0 | 22.5 | 10.0 | | .011 | .004 | .001 | .004 |
| 08-19-03 | .5 | 586 | 10.5 | 116 | 7.0 | 6 | 22.5 | 8.3 | .13 | .006 | .003 | .001 | .004 |
| 06-17-03 | .2 | 583 | 9.0 | 108 | 8.8 | 5 | 23.0 | 11.4 | .06 | .003 | .018 | .002 | .005 |
| 06-17-03 | .5 | 583 | 10.1 | 111 | 8.8 | 5 | 23.0 | 7.6 | .07 | .002 | .015 | .002 | .005 |
| 08-19-03 | .5 | 586 | 8.7 | 121 | 7.1 | 5 | 22.0 | 18.5 | .09 | .006 | .004 | M | .006 |
| 08-19-03 | .5 | 586 | 7.8 | 105 | 6.9 | 5 | 22.0 | 16.6 | .10 | .006 | .004 | .001 | .006 |
| 10-28-02 | .2 | 605 | 8.0 | 95 | 7.9 | 22 | 14.0 | 12.5 | .04 | .001 | .003 | .001 | .005 |
| 10-28-02 | .2 | 605 | 9.6 | 100 | 7.8 | 20 | 14.0 | 6.9 | .03 | .003 | .004 | .001 | .004 |
| 05-29-03 | | 606 | 8.6 | 99 | 7.4 | 21 | 18.0 | 11.3 | .04 | .005 | .003 | .001 | .004 |
| 05-29-03 | | 606 | 8.9 | 90 | 7.6 | 20 | 18.0 | 6.1 | .05 | .014 | .008 | .001 | .003 |
| 08-12-03 | | | 8.8 | | 7.7 | 19 | 19.5 | 17.4 | .10 | .014 | .047 | М | .005 |
| 00-12-03 | | | 0.0 | | /./ | 13 | 19.5 | 17.4 | .10 | .012 | .04/ | 141 | .005 |
| 08-12-03 | | | 10.5 | | 7.6 | 19 | 19.5 | 7.0 | .06 | .006 | .008 | M | .006 |
| 10-29-02 | 1.4 | 590 | 9.2 | 101 | 9.6 | 445 | 8.5 | 8.1 | .52 | M | .003 | .003 | .014 |
| 05-28-03 | | 596 | 9.6 | 130 | 9.4 | 372 | 24.0 | 17.7 | | .005 | .007 | .001 | .020 |
| 05-28-03 | | 596 | 7.9 | 103 | 9.6 | 389 | 24.0 | 15.8 | | .005 | .006 | .001 | .018 |
| 08-13-03 | | 595 | 6.0 | 82 | 9.6 | 428 | 19.0 | 18.3 | .41 | .001 | .003 | .001 | .019 |
| 08-13-03 | | 595 | 6.0 | 82 | 9.6 | 428 | 19.0 | 18.3 | .64 | .003 | .003 | .001 | .018 |
| 08-13-03 | | 595 | .3 | 4 | 7.8 | 678 | 19.0 | 16.5 | .89 | .008 | .024 | .001 | .030 |
| 10-22-02 | 3.3 | 570 | 7.4 | 88 | | 42 | 9.0 | 9.9 | | М | .003 | .001 | .011 |
| 10-22-02 | 2.8 | 570 | 7.2 | 85 | | 41 | 9.0 | 9.8 | | ND | .004 | .001 | .012 |
| 06-19-03 | .7 | 570 | 7.6 | 104 | 7.7 | 42 | 25.0 | 16.1 | .38 | .005 | .005 | .001 | .008 |
| 00 | | | | | | | | | | | | | |
| 06-19-03 | 1.1 | 570 | 5.6 | 60 | 7.3 | 42 | 25.0 | 5.6 | | .004 | .004 | .001 | .012 |
| 08-11-03 | .5 | 579 | 7.0 | 98 | 7.8 | 42 | 22.5 | 18.2 | .17 | .009 | .005 | .001 | .006 |
| 08-11-03 | .8 | 579 | 8.5 | 102 | 7.8 | 43 | 22.5 | 11.2 | .28 | .011 | .008 | .001 | .011 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

| | | Iron | Sus- | | Suspnd. |
|-----|---------|---------|---------|---------|---------|
| | | (bio | pended | Sus- | sedi- |
| | | reac- | sedi- | pended | ment, |
| | | tive), | ment | sedi- | sieve |
| | | water, | concen- | ment | diametr |
| | Date | unfltrd | tration | load, | percent |
| | | uq/L | mq/L | tons/d | <.063mn |
| | | (46568) | (80154) | (80155) | (70331) |
| | | (40300) | (00134) | (00133) | (70331) |
| 10 | -23-02 | 19 | <1 | <.01 | 75 |
| 10 | -23-02 | 17 | | | |
| 06 | 5-17-03 | 43 | 2 | .03 | 58 |
| | 3-14-03 | 43 | 1 | <.01 | 67 |
| | 0-23-02 | 27 | 1 | .02 | 43 |
| | | | | | |
| 06 | 5-18-03 | 16 | | | |
| 0.8 | 3-14-03 | 23 | 1 | .01 | 20 |
| 10 | -22-02 | 134 | 1 | <.01 | 83 |
| 06 | 5-19-03 | | 5 | <.01 | 73 |
| 0.8 | 3-11-03 | 572 | | | |
| | | | | | |
| | 0-30-02 | 19 | | | |
| | 0-30-02 | 19 | | | |
| | 5-17-03 | 30 | | | |
| | 5-17-03 | 36 | | | |
| 9.0 | 3-19-03 | 13 | | | |
| 0.0 | 3-19-03 | 19 | | | |
| | 5-17-03 | 20 | | | |
| | 5-17-03 | 21 | | | |
| | 3-19-03 | 25 | | | |
| | 3-19-03 | 31 | | | |
| 0.0 | , 15 05 | 31 | | | |
| 10 | -28-02 | 9 | | | |
| 10 | -28-02 | 8 | | | |
| 0.5 | 5-29-03 | 6 | | | |
| | 5-29-03 | 6 | | | |
| 0.8 | 3-12-03 | 14 | | | |
| | | | | | |
| 0.8 | 3-12-03 | 10 | | | |
| 10 |)-29-02 | 18 | | | |
| | 5-28-03 | 94 | | | |
| 05 | 5-28-03 | 92 | | | |
| 0.8 | 3-13-03 | | | | |
| 0.0 | 12 02 | | | | |
| | 3-13-03 | | | | |
| | 3-13-03 | | | | |
| |)-22-02 | 192 | | | |
| | 0-22-02 | 200 | | | |
| 06 | 5-19-03 | 59 | | | |
| 06 | 5-19-03 | 81 | | | |
| | 3-11-03 | 46 | | | |
| | 3-11-03 | 91 | | | |
| | | | | | |

Remark codes used in this report: $\mbox{M}\mbox{ --}$ Presence verified, not quantified $\mbox{ND}\mbox{ --}$ Not Detected

¹ Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency to determine the effectiveness of the prohibition of carbureted 2-stroke engines in the Lake Tahoe Basin. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data." The following sites are shown in figure 18 and 19.

| | | | | Sample | -d6,
surrog, | water | alcohol
water |
|-----------------|--|----------------------|------|---------------------------------|-----------------|----------------------------|------------------|
| Station number | Station name | Date | Time | type | pct rcv | unfltrd
ug/L
(77032) | ug/L |
| 385023120032501 | LOWER ECHO LAKE SAMPLE SITE NR CENTER | 06-17-03 | | ENVIRONMENTAL | 87.8 | <.4 | < . 4 |
| | | 06-17-03
07-01-03 | | REPLICATE SOURCE SOLUTION BLANK | 85.9
124 | <.4
<.4 | <.4
<.4 |
| | | 07-01-03 | | EQUIPMENT BLANK | | <.4 | |
| | | 07-08-03 | 0939 | | | <.4 | <.4 |
| | | 07-08-03 | 0950 | REPLICATE | | <.4 | |
| | | 08-19-03 | | ENVIRONMENTAL | | <.4 | |
| | | 08-19-03 | | REPLICATE | 87.0 | | |
| | | 09-03-03
09-03-03 | | ENVIRONMENTAL
REPLICATE | 102
103 | <.4 | <.4
<.4 |
| | | | | | | | |
| | | 09-03-03 | | ENVIRONMENTAL | 93.7 | | |
| 385606120004401 | LAKE TAHOE SAMPLE POINT AT TAHOE KEYS, CA | 05-26-03 | | | 106 | <.4
<.4 | < . 4 |
| | | 05-26-03
07-05-03 | | REPLICATE
ENVIRONMENTAL | 96.3 | <.4 | |
| | | 07-05-03 | | REPLICATE | 95.7 | <.4 | <.4 |
| | | 08-18-03 | 1200 | ENVIRONMENTAL | 86.6 | <.4 | < .4 |
| | | 08-18-03 | | REPLICATE | 84.2 | <.4 | <.4 |
| | | 09-02-03 | | | 104 | <.4 | |
| | | 09-02-03 | | | 115 | <.4 | |
| 385631120032001 | LAKE TAHOE SAMPLE POINT NR KIVA BEACH, CA | 05-26-03 | 1508 | ENVIRONMENTAL | 117 | <.4 | <.4 |
| | | 07-05-03 | 1405 | ENVIRONMENTAL | 103 | <.4 | <.4 |
| | | 08-18-03 | | ENVIRONMENTAL | 83.0 | | |
| | | 09-02-03 | | ENVIRONMENTAL | 111 | < . 4 | < . 4 |
| 385636120005701 | LAKE TAHOE SAMPLE POINT AT TAHOE KEYS MARINA, CA | 05-26-03
07-05-03 | | ENVIRONMENTAL
ENVIRONMENTAL | 117
107 | <.4
<.4 | <.4 |
| | | 08-18-03 | 1145 | ENVIRONMENTAL | 79.9 | <.4 | < . 4 |
| | | 09-02-03 | | ENVIRONMENTAL | 98.2 | | < . 4 |
| 385704119573001 | LAKE TAHOE SAMPLE POINT AT SKI RUN MARINA, CA | 05-26-03 | | ENVIRONMENTAL | 115 | <.4 | |
| | | 07-05-03 | | ENVIRONMENTAL | 109 | <.4 | |
| | | 08-18-03 | 1300 | ENVIRONMENTAL | 89.2 | | |
| | | 09-02-03 | | ENVIRONMENTAL | 107 | <.4 | < .4 |
| 385708120053101 | EMERALD BAY SAMPLE POINT OFF SOUTH SIDE OF BAY | 05-26-03 | | ENVIRONMENTAL | 108 | < . 4 | < . 4 |
| | | 07-05-03 | | | 115 | < . 4 | |
| | | 08-18-03
09-02-03 | | | 83.0
106 | <.4 | <.4
<.4 |
| | | | | | | | |
| 390026119570601 | LAKE TAHOE SAMPLE POINT AT ZEPHYR COVE, NV | 05-26-03 | | | 125 | < . 4 | |
| | | 07-05-03
08-18-03 | | ENVIRONMENTAL
ENVIRONMENTAL | 97.6
87.7 | | <.4 |
| | | 09-02-03 | | ENVIRONMENTAL | 102 | <.4 | <.4 |
| 390618120021101 | LAKE TAHOE SAMPLE POINT - MID LAKE | 08-18-03 | | ENVIRONMENTAL | 85.7 | <.4 | |
| 391006120080101 | LAKE TAHOE SAMPLE POINT AT TAHOE CITY, CA | 05-26-03 | 1120 | ENVIRONMENTAL | 116 | <.4 | < . 4 |
| | | 07-05-03 | | ENVIRONMENTAL | 107 | <.4 | <.4 |
| | | 08-18-03 | | ENVIRONMENTAL | 90.1 | <.4 | <.4 |
| | | 09-02-03 | | ENVIRONMENTAL | 115 | <.4 | <.4 |
| 391415119564901 | LAKE TAHOE SAMPLE POINT AT INCLINE BEACH, NV | 05-26-03 | 1309 | ENVIRONMENTAL | 116 | <.4 | < . 4 |
| | | 07-05-03 | | ENVIRONMENTAL | 99.7 | <.4 | < .4 |
| | | 08-18-03 | | | 86.9 | < . 4 | |
| | | 09-02-03 | 1140 | ENVIRONMENTAL | 111 | <.4 | < .4 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

| Date | tert-
Butyl-
alcohol
water
unfltrd
ug/L
(77035) | a1,2-Di-
chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832) | | Acetone
water
unfltrd
ug/L
(81552) | Benzene
water
unfltrd
ug/L
(34030) | Diiso-
propyl
ether,
water,
unfltrd
ug/L
(81577) | Ethyl-
benzene
water
unfltrd
ug/L
(34371) | Methyl
tert-
pentyl
ether,
water,
unfltrd
ug/L
(50005) | meta-
+ para-
Xylene,
water,
unfltrd
ug/L
(85795) | o-
Xylene,
water,
unfltrd
ug/L
(77135) | t-Butyl
ethyl
ether,
water,
unfltrd
ug/L
(50004) | Methyl
t-butyl
ether,
water,
unfltrd
ug/L
(78032) | Toluene
water
unfltrd
ug/L
(34010) |
|----------------------|---|---|------------|--|--|--|--|---|---|---|--|---|--|
| 06-17-03 | <1.00 | 98.8 | 98.2 | <1 | E.06 | <.08 | E.03 | <.07 | E.09 | E.04 | <.1 | <.08 | .20 |
| 06-17-03 | <1.00 | 96.3 | 98.1 | <1 | E.06 | <.08 | E.02 | <.07 | E.08 | E.04 | <.1 | <.08 | .18 |
| 07-01-03 | <1.00 | 98.0 | 99.2 | 2 | <.01 | <.08 | <.03 | <.07 | <.07 | <.04 | <.1 | <.08 | <.01 |
| 07-01-03 | <1.00 | 101 | 97.4 | 2 | <.01 | <.08 | <.03 | <.07 | <.07 | <.04 | <.1 | <.08 | <.01 |
| 07-08-03 | <1.00 | 100 | 97.2 | <1 | .11 | <.08 | E.02 | <.07 | E.11 | E.05 | <.1 | <.08 | .22 |
| | | | | _ | | | | | | | | | |
| 07-08-03 | <1.00 | 98.8 | 97.4 | <1 | .12 | <.08 | E.02 | <.07 | E.11 | E.05 | <.1 | <.08 | .22 |
| 08-19-03 | <1.00 | 105 | 106 | M | . 14 | <.08 | .12 | <.07 | .17 | .31 | <.1 | E.04 | .45 |
| 08-19-03
09-03-03 | <1.00
<1.00 | 108 | 108
105 | M
M | .14 | <.08 | .13 | <.07 | .18
E.10 | .32 | <.1 | E.04
E.04 | .48 |
| 09-03-03 | <1.00 | 106
107 | 105 | M
M | .08 | <.08
<.08 | E.04
E.03 | <.07
<.07 | E.10
E.07 | .12
.10 | <.1
<.1 | E.04
E.04 | .20
.14 |
| 09-03-03 | <1.00 | 107 | 105 | 111 | .07 | <.00 | E.03 | <.07 | E.07 | .10 | <.1 | E.04 | .14 |
| 09-03-03 | <1.00 | 105 | 108 | <1 | .15 | <.08 | .09 | <.07 | .11 | .17 | <.1 | E.03 | .42 |
| 05-26-03 | <1.00 | 123 | 93.5 | M | E.05 | <.08 | < .03 | <.07 | <.07 | <.04 | <.1 | E.06 | E.04 |
| 05-26-03 | <1.00 | 126 | 91.9 | M | E.03 | <.08 | <.03 | <.07 | <.07 | <.04 | <.1 | E.04 | E.04 |
| 07-05-03 | <1.00 | 103 | 102 | E1 | 1.01 | <.08 | .13 | E.02 | 1.25 | .64 | <.1 | .86 | .99 |
| 07-05-03 | <1.00 | 101 | 101 | E1 | .97 | <.08 | .11 | E.01 | 1.12 | .60 | <.1 | .83 | .88 |
| 08-18-03 | <1.00 | 107 | 102 | 1 | .13 | <.08 | <.03 | <.07 | E.03 | E.02 | <.1 | .40 | E.03 |
| 08-18-03 | <1.00 | 105 | 102 | 1 | .13 | <.08 | < .03 | <.07 | E.02 | E.02 | <.1 | .41 | E.02 |
| 09-02-03 | <1.00 | 104 | 101 | 1 | E.03 | <.08 | < .03 | < .07 | <.07 | < .04 | <.1 | .50 | <.01 |
| 09-02-03 | <1.00 | 105 | 102 | 1 | E.03 | <.08 | <.03 | <.07 | <.07 | <.04 | <.1 | .52 | <.01 |
| 05-26-03 | <1.00 | 130 | 94.4 | M | E.02 | <.08 | <.03 | <.07 | E.06 | <.04 | <.1 | <.08 | E.07 |
| 07-05-03 | <1.00 | 101 | 102 | <1 | .10 | <.08 | E.05 | <.07 | E.20 | E.09 | <.1 | <.08 | .35 |
| 08-18-03 | <1.00 | 107 | 106 | M | .13 | <.08 | .07 | <.07 | .28 | .11 | <.1 | E.05 | .45 |
| 09-02-03 | <1.00 | 104 | 103 | M | .09 | <.08 | E.04 | <.07 | .15 | .06 | <.1 | E.03 | .23 |
| 05-26-03 | <1.00 | 123 | 86.6 | M | E.02 | <.08 | < .03 | < .07 | E.06 | < .04 | <.1 | <.08 | E.06 |
| 07-05-03 | <1.00 | 101 | 98.6 | <1 | .22 | <.08 | .11 | <.07 | .40 | .16 | <.1 | E.09 | .66 |
| 08-18-03 | <1.00 | 107 | 102 | M | E.03 | <.08 | E.01 | <.07 | E.06 | E.03 | <.1 | E.02 | .08 |
| 09-02-03 | <1.00 | 103 | 103 | M | E.01 | <.08 | <.03 | E.02 | <.07 | <.04 | <.1 | 2.34 | <.01 |
| 05-26-03 | <1.00 | 124 | 92.3 | M | E.05 | <.08 | E.04 | <.07 | E.13 | E.06 | <.1 | <.08 | .17 |
| 07-05-03 | <1.00 | 104 | 102 | <1 | .13 | <.08 | E.08 | <.07 | .30 | .12 | <.1 | E.10 | .46 |
| 08-18-03 | <1.00 | 107 | 105 | M | .13 | <.08 | .08 | <.07 | .30 | .12 | <.1 | E.02 | .52 |
| 09-02-03 | <1.00 | 106 | 108 | 1 | .17 | <.08 | .07 | <.07 | .38 | .16 | <.1 | E.04 | .39 |
| 05-26-03 | <1.00 | 124 | 92.6 | <1 | E.07 | <.08 | E.04 | <.07 | E.13 | E.07 | <.1 | <.08 | .17 |
| 07-05-03 | <1.00 | 101 | 98.6 | <1 | .23 | <.08 | E.04 | <.07 | E.17 | E.07 | <.1 | .11 | .35 |
| 08-18-03 | <1.00 | 107 | 104 | M | .29 | <.08 | E.02 | <.07 | .20 | .07 | <.1 | .11 | .29 |
| 09-02-03 | <1.00 | 105 | 105 | M | .23 | <.08 | E.03 | <.07 | .18 | .07 | <.1 | .10 | .23 |
| 05-26-03 | <1.00 | 128 | 101 | М | .13 | <.08 | 11 | <.07 | .33 | 17 | <.1 | .31 | 40 |
| 05-26-03 | <1.00 | 128 | 101 | M
<1 | .13 | <.08 | .11
E.09 | <.07 | .33 | .17
.15 | <.1 | <.08 | .42 |
| 07-05-03 | <1.00 | 103 | 101 | < 1
M | .13 | <.08 | .19 | <.07 | .85 | .36 | <.1 | .10 | .91 |
| 09-02-03 | <1.00 | 107 | 105 | M
M | .06 | <.08 | E.03 | <.07 | .13 | .06 | <.1 | <.08 | .15 |
| 08-18-03 | <1.00 | 104 | 103 | M | E.03 | <.08 | E.03 | <.07 | E.06 | E.02 | <.1 | <.08 | .08 |
| 20 10 03 | ×1.00 | 100 | 105 | 1-1 | 1.05 | ~.00 | D.VI | , | 1.00 | 1.02 | \. <u>.</u> | | .00 |
| 05-26-03 | <1.00 | 122 | 93.2 | <1 | E.02 | <.08 | <.03 | <.07 | <.07 | <.04 | <.1 | <.08 | E.06 |
| 07-05-03 | <1.00 | 102 | 102 | <1 | .14 | <.08 | E.06 | <.07 | .25 | E.09 | <.1 | <.08 | .41 |
| 08-18-03 | <1.00 | 105 | 103 | M | .07 | <.08 | E.03 | <.07 | .13 | .05 | <.1 | E.03 | .20 |
| 09-02-03 | <1.00 | 107 | 104 | M | .06 | <.08 | E.03 | <.07 | .11 | E.05 | <.1 | E.03 | .16 |
| 05-26-03 | <1.00 | 124 | 103 | M | .14 | <.08 | .13 | <.07 | .39 | .19 | <.1 | <.08 | .47 |
| 07-05-03 | <1.00 | 103 | 98.9 | <1 | .14 | <.08 | E.07 | <.07 | .25 | .11 | <.1 | E.04 | .35 |
| 08-18-03 | <1.00 | 106 | 104 | M | .09 | <.08 | E.05 | <.07 | .20 | .09 | <.1 | E.02 | .26 |
| 09-02-03 | <1.00 | 106 | 104 | M | E.04 | <.08 | E.02 | <.07 | E.08 | E.03 | <.1 | <.08 | .10 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

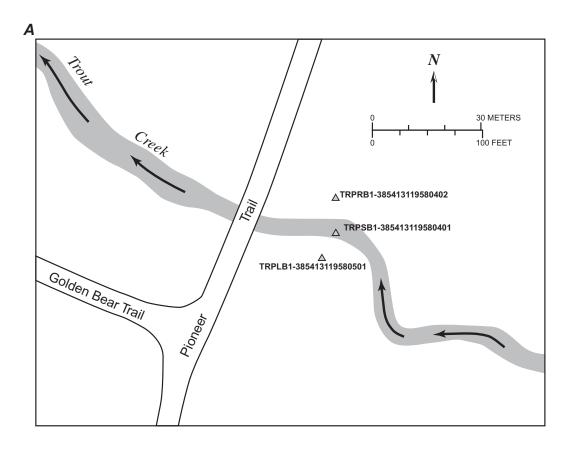
```
<sup>a</sup>Toluene
             -d8,
           surrog,
Sch2090
           wat unf
  Date
           percent
           recovry
(99833)
06-17-03
             103
06-17-03
             101
07-01-03
07-01-03
             102
             104
07-08-03
             103
07-08-03
             102
08-19-03
             105
08-19-03
             105
09-03-03
             107
09-03-03
             106
09-03-03
             107
05-26-03
             117
05-26-03
             117
07-05-03
             102
07-05-03
08-18-03
             105
08-18-03
             104
09-02-03
             106
09-02-03
05-26-03
             116
07-05-03
             102
08-18-03
             105
09-02-03
             105
05-26-03
             115
07-05-03
             104
08-18-03
             105
09-02-03
             108
05-26-03
             114
07-05-03
             103
08-18-03
             106
09-02-03
             105
05-26-03
             116
07-05-03
             101
08-18-03
             105
09-02-03
             106
05-26-03
             114
07-05-03
             104
08-18-03
             105
09-02-03
             106
08-18-03
             105
05-26-03
             117
07-05-03
             103
08-18-03
             105
09-02-03
05-26-03
             115
07-05-03
             103
08-18-03
             104
09-02-03
```

Remark codes used in this report:

< -- Less than E -- Estimated value

M -- Presence verified, not quantified

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical ${\tt method.}$



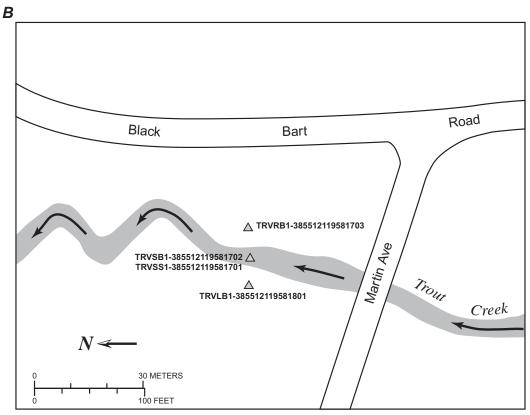


Figure 36. Site Map sketch of Trout Creek area *(A)* above Pioneer trail and *(B)* at Martin Avenue, California.

TROUT CREEK WATERSHED PROJECT--Continued

Water-level data were collected in the Trout Creek watershed as part of a cooperative study with the Tahoe Regional Planning Agency. The purpose of the study is to provide data on interactions between surface water and ground water along Trout Creek. Local datum was revised from 6270 ft to 6269.57 ft above mean sea level NGVD of 1988.

Water Level Method--S, steel tape. Water Level Accuracy--2, water level accurate to the nearest two-hundreths of a foot. The following sites are shown in figure 36A.

| | | Altitude of Screen | Altitudo | Water Lave | A leien | da (Ahari | a Maan G | 'aa Lawal' |
|-----------------------|---------------------|---------------------------|----------|--------------------------|---------|-----------|----------|------------|
| | | Midpoint (Fact Above Meen | | Water Level | Aimu | de (Above | e Mean S | sea Level |
| Logal Wall No | Cita Idantification | (Feet Above Mean | • | | Time | (East) | Mathad | A |
| Local Well No | Site Identification | Sea Level) | (Feet) | Date | Time | (reet) | Method | Accurac |
| | TROUT C | REEK AREA ABOV | E PIONEE | RTRAIL | | | | |
| 090 N12 E18 10ADAC1 | 385413119580401 | 6263.65* | 0.1 | 10/02/2002 | | | | 2 |
| TRPSB1 | | | | 10/10/2002 | 1417 | 6270.87 | | 2 |
| | | | | 11/06/2002 | | | | 2 |
| | | | | 11/14/2002 | | | S | 2 |
| | | | | 12/05/2002 | | | | 2 |
| | | | | 01/10/2003 | | | | 2 |
| | | | | 02/03/2003 | | | | 2 2 |
| | | | | 02/06/2003 03/20/2003 | | | S | 2 |
| | | | | 04/03/2003 | | | | 2 |
| | | | | 04/29/2003 | | | | 2 |
| | | | | 05/06/2003 | | | S | 2 |
| | | | | 05/13/2003 | | | | 2 |
| | | | | 05/16/2003 | | | | 2 |
| | | | | 05/21/2003 | 1246 | 6271.73 | S | 2 |
| | | | | 05/28/2003 | 1937 | 6272.38 | S | 2 |
| | | | | 06/04/2003 | 1344 | 6272.38 | S | 2 |
| | | | | 06/07/2003 | | | | 2 |
| | | | | 07/09/2003 | | | | 2 |
| | | | | 08/08/2003 | | | | 2 |
| | | | | 09/02/2003 | | | | 2 |
| 000 N12 F10 10 AD AG2 | 205412110500402 | (2((15* | 0.1 | 09/03/2003 | | | | 2 |
| 090 N12 E18 10ADAC2 | 385413119580402 | 6266.15* | 0.1 | 10/02/2002 | | | | 2 |
| TRPRB1 | | | | 10/10/2002 | | | | 2 |
| | | | | 11/06/2002
11/14/2002 | | | S
S | 2 2 |
| | | | | 12/05/2002 | | | | 2 |
| | | | | 01/10/2003 | | | | 2 |
| | | | | 02/03/2003 | | | | 2 |
| | | | | 03/06/2003 | | | | 2 |
| | | | | 03/20/2003 | | | | 2 |
| | | | | 04/03/2003 | | | | 2 |
| | | | | 04/29/2003 | 1134 | 6271.48 | S | 2 |
| | | | | 05/06/2003 | 1129 | 6271.52 | S | 2 |
| | | | | 05/13/2003 | 1902 | 6271.56 | | 2 |
| | | | | 05/16/2003 | | | | 2 |
| | | | | 05/21/2003 | | | | 2 |
| | | | | 05/28/2003 | | | | 2 |
| | | | | 06/04/2003 | | | | 2 |
| | | | | 06/07/2003 | | | | 2 2 |
| | | | | 07/09/2003
08/01/2003 | | | | 2 |
| | | | | 08/01/2003 | | | S | 2 |
| | | | | 09/02/2003 | | | S | 2 |
| | | | | 09/03/2003 | | 6272.45 | S | 2 |
| | | | | 10/02/2002 | | 6270.80 | | 2 |
| | | | | 10/10/2002 | | 6270.81 | S | 2 |
| | | | | 11/06/2002 | | 6271.04 | | 2 |
| | | | | 11/14/2002 | 1433 | 6271.02 | S | 2 |
| | | | | 12/05/2002 | | 6271.10 | S | 2 |
| | | | | 01/10/2003 | | 6271.19 | S | 2 |
| | | | | 02/03/2003 | | 6271.27 | S | 2 |
| | | | | 03/06/2003 | | 6271.10 | S | 2 |
| | | | | 03/20/2003 | | 6271.21 | S | 2 |
| | | | | 04/03/2003 | | 6271.51 | S | 2 |
| | | | | 04/29/2003 | 1128 | 6271.42 | S | 2 |
| | | | | 05/06/2003 | | | | 2 |

TROUT CREEK WATERSHED PROJECT--Continued

| Midpoint Altitude Water Level Altitude (Above Mean Sea Level Local Well No Site Identification Sea Level) (Feet) Date Time (Feet) Method Accurate TROUT CREEK AREA ABOVE PIONEER TRAILContinued | | TROUTER | Altitude of Screen | I KOJEC I- | -Continued | | | | |
|--|---------------------|---------------------|--------------------|------------|------------|------------|----------|----------|--------------|
| Local Well No Site Identification Sea Level (Feet) Date Time (Feet) Method Accurance | | | Midpoint | | Water Leve | l Altitu | de (Abov | e Mean S | ea Level) |
| TROUT CREEK AREA ABOVE PIONEER TRAILContinued 1990 N12 E18 10ADBD1 385413119580501 6267.98* 0.1 10/02/2002 1421 6270.80 \$ 2 TRPLB1 10/10/2002 1419 6270.81 \$ 2 11/106/2002 1401 6271.04 \$ 2 11/10/2002 1433 6271.02 \$ 2 11/10/2003 1221 6271.10 \$ 2 12/05/2002 1339 6271.10 \$ 2 01/10/2003 1221 6271.19 \$ 2 02/03/2003 1409 6271.27 \$ 2 03/06/2003 1458 6271.10 \$ 2 03/20/2003 1328 6271.21 \$ 2 04/03/2003 1233 6271.51 \$ 2 04/03/2003 1233 6271.51 \$ 2 04/29/2003 1128 6271.42 \$ 2 05/06/2003 1123 6271.46 \$ 2 05/13/2003 1899 6271.52 \$ 2 05/13/2003 1899 6271.52 \$ 2 05/13/2003 1899 6271.52 \$ 2 05/13/2003 1899 6271.52 \$ 2 05/12/1003 1243 6271.74 \$ 2 05/28/2003 1939 6272.32 \$ 2 05/10/2003 1311 6271.56 \$ 2 05/28/2003 1939 6272.32 \$ 2 06/04/2003 1311 6272.37 \$ 2 07/07/2003 1312 6271.50 \$ 2 07/07/2003 1312 6271.50 \$ 2 08/01/2003 1208 6274.09 \$ 2 08/08/2003 1207 6271.34 \$ 2 08/08/2003 1207 6271.34 \$ 2 08/08/2003 1207 6271.34 \$ 2 08/08/2003 1207 6271.34 \$ 2 | Local Wall No | Cita Idantification | | - | Data | Time | (Faat) | Mathad | A 0.01140.01 |
| TRPLBI O.1 10/02/2002 1421 6270.80 S 2 TRPLBI 10/10/2002 1419 6270.81 S 2 11/06/2002 1401 6271.04 S 2 11/14/2002 1433 6271.02 S 2 11/14/2002 1339 6271.10 S 2 01/10/2003 1221 6271.19 S 2 02/03/2003 1496 6271.27 S 2 03/06/2003 1458 6271.10 S 2 05/06/2003 1458 6271.10 S 2 05/16/2003 1223 6271.51 S 2 05/06/2003 1223 6271.51 S 2 05/16/2003 1223 6271.51 S 2 05/16/2003 1236 6271.42 S 2 05/16/2003 1236 6271.42 S 2 05/16/2003 1236 6271.52 S 2 05/16/2003 1236 6271.52 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1312 6272.36 S 2 07/07/2003 1312 6272.36 S 2 07/07/2003 1312 6271.50 S 2 08/08/2003 1207 6271.34 S 2 | Local Well No | | | | | | (reet) | Method | Accuracy |
| TRPLB1 10/10/2002 1419 6270.81 S 2 11/06/2002 1401 6271.04 S 2 11/14/2002 1433 6271.02 S 2 12/05/2002 1339 6271.10 S 2 01/10/2003 1221 6271.19 S 2 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.10 S 2 03/20/2003 1458 6271.10 S 2 04/03/2003 1223 6271.51 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/16/2003 1034 6271.66 S 2 05/12/2003 1034 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 06/04/2003 1312 6271.50 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/01/2003 1208 6274.09 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 | | TROUT CREEK | K AREA ABOVE PIC | NEER TR. | AILContinu | <u>ued</u> | | | |
| 11/06/2002 1401 6271.04 S 2 11/14/2002 1433 6271.02 S 2 12/05/2002 1339 6271.10 S 2 01/10/2003 1221 6271.19 S 2 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.21 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.21 S 2 04/03/2003 1236 6271.21 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1314 6272.37 S 2 06/04/2003 1314 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | 090 N12 E18 10ADBD1 | 385413119580501 | 6267.98* | 0.1 | 10/02/2002 | 1421 | 6270.80 | S | 2 |
| 11/14/2002 1433 6271.02 S 2 12/05/2002 1339 6271.10 S 2 01/10/2003 1221 6271.19 S 2 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.10 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.21 S 2 04/03/2003 1223 6271.21 S 2 04/03/2003 1128 6271.21 S 2 04/29/2003 1128 6271.21 S 2 04/29/2003 1128 6271.21 S 2 05/06/2003 1123 6271.51 S 2 05/06/2003 1123 6271.52 S 2 05/13/2003 1859 6271.52 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1314 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | TRPLB1 | | | | 10/10/2002 | 1419 | 6270.81 | S | 2 |
| 12/05/2002 1339 6271.10 S 2 01/10/2003 1221 6271.19 S 2 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.10 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | | | | | 11/06/2002 | 1401 | 6271.04 | S | 2 |
| 01/10/2003 1221 6271.19 S 2 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.10 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | | | | | 11/14/2002 | 1433 | 6271.02 | S | 2 |
| 02/03/2003 1409 6271.27 S 2 03/06/2003 1458 6271.10 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/06/2003 1859 6271.52 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | | | | | 12/05/2002 | 1339 | 6271.10 | S | 2 |
| 03/06/2003 1458 6271.10 S 2 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | | | | | 01/10/2003 | 1221 | 6271.19 | S | 2 |
| 03/20/2003 1328 6271.21 S 2 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 08/08/2003 1207 6271.34 S 2 | | | | | 02/03/2003 | 1409 | 6271.27 | S | |
| 04/03/2003 1223 6271.51 S 2 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 03/06/2003 | 1458 | 6271.10 | S | 2 |
| 04/29/2003 1128 6271.42 S 2 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 03/20/2003 | 1328 | 6271.21 | S | 2 |
| 05/06/2003 1123 6271.46 S 2 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 04/03/2003 | 1223 | 6271.51 | S | |
| 05/13/2003 1859 6271.52 S 2 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 04/29/2003 | 1128 | 6271.42 | S | |
| 05/16/2003 1034 6271.66 S 2 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 05/06/2003 | 1123 | 6271.46 | S | |
| 05/21/2003 1243 6271.74 S 2 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 05/13/2003 | 1859 | 6271.52 | S | 2 |
| 05/28/2003 1939 6272.32 S 2 06/04/2003 1341 6272.37 S 2 07/07/2003 1012 6272.36 S 2 07/09/2003 1312 6271.50 S 2 08/01/2003 1208 6274.09 S 2 08/08/2003 1207 6271.34 S 2 09/02/2003 1409 6272.26 S 2 | | | | | 05/16/2003 | 1034 | 6271.66 | S | 2 |
| 06/04/2003 1341 6272.37 S 2
07/07/2003 1012 6272.36 S 2
07/09/2003 1312 6271.50 S 2
08/01/2003 1208 6274.09 S 2
08/08/2003 1207 6271.34 S 2
09/02/2003 1409 6272.26 S 2 | | | | | 05/21/2003 | 1243 | 6271.74 | S | 2 |
| 07/07/2003 1012 6272.36 S 2
07/09/2003 1312 6271.50 S 2
08/01/2003 1208 6274.09 S 2
08/08/2003 1207 6271.34 S 2
09/02/2003 1409 6272.26 S 2 | | | | | 05/28/2003 | 1939 | 6272.32 | S | 2 |
| 07/09/2003 1312 6271.50 S 2
08/01/2003 1208 6274.09 S 2
08/08/2003 1207 6271.34 S 2
09/02/2003 1409 6272.26 S 2 | | | | | 06/04/2003 | 1341 | 6272.37 | S | 2 |
| 08/01/2003 1208 6274.09 S 2
08/08/2003 1207 6271.34 S 2
09/02/2003 1409 6272.26 S 2 | | | | | 07/07/2003 | 1012 | 6272.36 | S | 2 |
| 08/08/2003 1207 6271.34 S 2
09/02/2003 1409 6272.26 S 2 | | | | | 07/09/2003 | 1312 | 6271.50 | S | 2 |
| 09/02/2003 1409 6272.26 S 2 | | | | | 08/01/2003 | 1208 | 6274.09 | S | 2 |
| | | | | | 08/08/2003 | 1207 | 6271.34 | S | 2 |
| 09/03/2003 1232 6272.44 S 2 | | | | | 09/02/2003 | 1409 | 6272.26 | S | 2 |
| | | | | | 09/03/2003 | 1232 | 6272.44 | S | 2 |

^{*} Revised

TROUT CREEK WATERSHED PROJECT--Continued

Water-level data were collected in the Trout Creek watershed as part of a cooperative study with the Tahoe Regional Planning Agency. The purpose of the study is to provide data on interactions between surface water and ground water along Trout Creek.

Water Level Method--S, steel tape. Water Level Accuracy--2, water level accurate to the nearest two-hundreths of a foot. The following sites are shown in figure 36B.

| | | Altitude of Screen
Midpoint
(Feet Above Mean | Accuracy | | | | | |
|-----------------------|---------------------|--|----------|--------------------------|------|---------|--------|----------|
| Local Well No | Site Identification | Sea Level) CREEK AREA AT N | (Feet) | Date
VENUE | Time | (Feet) | Method | Accuracy |
| 000 1110 510 000 00 1 | · | CREEK TREATTE | | <u> </u> | 1221 | 6245.00 | | 2 |
| 090 N12 E18 03DBD 1 | 385512119581701 | | 0.1 | 10/10/2002 | | | | 2 |
| TRVSS1 (Stream Stage) | | | | 10/30/2002 | | | | 2 |
| | | | | 11/06/2002 | | | | 2 |
| | | | | 11/25/2002 | | | | 2 |
| | | | | 12/05/2002 | | | | 2 |
| | | | | 01/10/2003
02/03/2003 | | | | 2 2 |
| | | | | 03/06/2003 | | | | 2 |
| | | | | 03/00/2003 | | | | 2 |
| | | | | 04/03/2003 | | | | 2 |
| | | | | 04/30/2003 | | | | 2 |
| | | | | 05/06/2003 | | | | 2 |
| | | | | 05/20/2003 | | | | 2 |
| | | | | 05/30/2003 | | | | 2 |
| | | | | 06/05/2003 | | | | 2 |
| | | | | 06/10/2003 | | | | 2 |
| | | | | 06/30/2003 | 1430 | 6246.89 | S | 2 |
| | | | | 07/09/2003 | 1220 | 6246.77 | S | 2 |
| | | | | 08/08/2003 | 1125 | 6246.33 | S | 2 |
| | | | | 09/03/2003 | 1526 | 6246.24 | S | 2 |
| 090 N12 E18 03DBD 2 | 385512119581702 | 6239.35 | 0.1 | 10/10/2002 | 1328 | 6245.73 | S | 2 |
| TRVSB1 | | | | 10/30/2002 | 1641 | 6245.75 | S | 2 |
| | | | | 11/06/2002 | 1240 | 6245.77 | S | 2 |
| | | | | 11/25/2002 | 1038 | 6245.85 | S | 2 |
| | | | | 12/05/2002 | 1209 | 6245.87 | S | 2 |
| | | | | 01/10/2003 | 1455 | 6245.99 | | 2 |
| | | | | 02/03/2003 | | | | 2 |
| | | | | 03/06/2003 | | | | 2 |
| | | | | 03/07/2003 | | | | 2 |
| | | | | 04/03/2003 | | | S | 2 |
| | | | | 04/30/2003 | | | | 2 |
| | | | | 05/06/2003 | | | | 2 |
| | | | | 05/20/2003 | | | | 2 |
| | | | | 05/30/2003 | | | | 2 |
| | | | | 06/05/2003 | | | | 2 |
| | | | | 06/10/2003 | | | | 2 |
| | | | | 06/30/2003 | | | S | 2 |
| | | | | 07/09/2003 | | | | 2 |
| | | | | 08/08/2003 | | | S | 2 2 |
| | | | | 09/03/2003 | 1520 | 0240.04 | S | 2 |

TROUT CREEK WATERSHED PROJECT--Continued

| | | Altitude of Screen Midpoint (Feet Above Mean | Altitude | Water Leve | l Altitu | de (Abov | e Mean S | Sea Level) |
|---------------------|---------------------|--|----------|--------------------------|-----------|----------|----------|------------|
| Local Well No | Site Identification | Sea Level) | (Feet) | Date | Time | (Feet) | Method | Accuracy |
| | TROUT CREI | EK AREA AT MART | IN AVENU | EContinue | <u>ed</u> | | | |
| 090 N12 E18 03DBD 3 | 385512119581703 | 6241.37 | 0.1 | 10/10/2002 | 1332 | 6245.75 | S | 2 |
| TRVRB1 | | | | 10/30/2002 | 1625 | 6245.77 | S | 2 |
| | | | | 11/06/2002 | 1259 | 6245.81 | S | 2 |
| | | | | 11/25/2002 | 1025 | 6245.86 | S | 2 |
| | | | | 12/05/2002 | 1226 | 6245.92 | S | 2 |
| | | | | 01/10/2003 | 1503 | 6246.02 | S | 2 |
| | | | | 02/03/2003 | 1250 | 6246.12 | S | 2 |
| | | | | 03/06/2003 | 1327 | 6245.98 | S | 2 |
| | | | | 03/07/2003 | 1100 | 6245.95 | S | 2 |
| | | | | 04/03/2003 | 1553 | 6246.66 | S | 2 |
| | | | | 04/30/2003 | 1518 | 6246.44 | S | 2 |
| | | | | 05/06/2003 | 1441 | 6246.57 | S | 2 |
| | | | | 05/20/2003 | 1513 | 6247.03 | S | 2 |
| | | | | 05/30/2003 | 1304 | 6248.48 | S | 2 |
| | | | | 06/04/2003 | 1054 | 6248.44 | S | 2 |
| | | | | 06/05/2003 | 1444 | 6248.35 | | 2 |
| | | | | 06/10/2003 | 1040 | 6248.22 | | 2 |
| | | | | 06/30/2003 | 1437 | 6249.55 | | 2 |
| | | | | 07/09/2003 | | | | 2 |
| | | | | 08/08/2003 | | | | 2 |
| | | | | 09/03/2003 | | | | 2 |
| 090 N12 E18 03DBDB1 | 385512119581801 | 6242.28 | 0.1 | 10/10/2002 | | | | 2 |
| TRVLB1 | 202212117201001 | | *** | 10/30/2002 | | | | 2 |
| TRVEDT | | | | 11/06/2002 | | | S | 2 |
| | | | | 11/25/2002 | | | | 2 |
| | | | | 12/05/2002 | | | | 2 |
| | | | | 01/10/2003 | | | S | 2 |
| | | | | 02/03/2003 | | | | 2 |
| | | | | 03/06/2003 | | | | 2 |
| | | | | 03/07/2003 | | | | 2 |
| | | | | 04/03/2003 | | | | 2 |
| | | | | 04/30/2003 | | | | 2 |
| | | | | 05/06/2003 | | | | 2 |
| | | | | | | | | |
| | | | | 05/20/2003
05/30/2003 | | | | 2 2 |
| | | | | | | | | 2 |
| | | | | 06/04/2003 | | | | |
| | | | | 06/05/2003 | | | | 2 |
| | | | | 06/10/2003 | | | | 2 |
| | | | | 06/30/2003 | | | | 2 |
| | | | | 07/09/2003 | | | | 2 |
| | | | | 08/08/2003 | | 6246.07 | | 2 |
| | | | | 09/03/2003 | 1517 | 6245.94 | S | 2 |

QUALITY OF SURFACE WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made in cooperation with the Tahoe Regional Planning Agency in the Lake Tahoe Basin for quality assurance purposes. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data.

QA/QC CALIFORNIA

| | | | | | | Ammonia | Ammonia | | ¹ Nitrite | Ortho- |
|---------|--------|----------|------|-----------------|---------|---------|---------|---------|----------------------|---------|
| | | | | | Specif. | + | + | | + | phos- |
| | | | | Type | conduc- | org-N, | org-N, | Ammonia | nitrate | phate, |
| | | | | of | tance, | water, | water, | water, | water | water, |
| | | | | blank | wat unf | fltrd, | unfltrd | fltrd, | fltrd, | fltrd, |
| Station | number | Date | Time | sample, | uS/cm | mg/L | mg/L | mg/L | mg/L | mg/L |
| | | | | code | 25 degC | as N | as N | as N | as N | as P |
| | | | | (99102) | (00095) | (00623) | (00625) | (00608) | (00631) | (00671) |
| | | | | | | | | | | |
| 1033667 | 69999 | 12-05-02 | 1620 | SOURCE SOLUTION | 2 | ND | <.04 | <.003 | .002 | .001 |
| | | 12-05-02 | 1625 | FIELD | 2 | <.04 | ND | <.003 | .004 | .002 |
| | | 03-21-03 | 1125 | SOURCE SOLUTION | 2 | < .04 | <.04 | <.003 | <.002 | < .001 |
| | | 03-21-03 | 1130 | FIELD | 2 | <.04 | <.04 | <.003 | .003 | <.001 |
| | | | | | | | | | | |
| | | 06-07-03 | 1725 | SOURCE SOLUTION | 2 | | <.04 | .004 | <.002 | <.001 |
| | | 06-07-03 | 1730 | FIELD | 2 | | <.04 | .004 | <.002 | <.001 |
| | | 09-19-03 | 1355 | SOURCE SOLUTION | 2 | < .04 | .04 | <.003 | .002 | <.001 |
| | | 09-19-03 | 1400 | FIELD | 2 | < .04 | ND | <.003 | .003 | .001 |

| | Pnos- | Pnos- |
|----------|---------|--------|
| | phorus, | phorus |
| | water, | water |
| | fltrd, | unfltr |
| | mg/L | mg/L |
| | (00666) | (00665 |
| 12-05-02 | <.002 | <.002 |
| 12-05-02 | <.002 | <.002 |
| 03-21-03 | <.002 | <.002 |
| 03-21-03 | <.002 | <.002 |
| 06-07-03 | <.002 | <.002 |
| 06-07-03 | <.002 | <.002 |
| 09-19-03 | <.002 | <.002 |
| 06-19-03 | < .002 | <.002 |

QUALITY OF SURFACE WATER LAKE TAHOE BASIN--Continued

QA/QC NEVADA

| | | | | | | | | Ammoni | | | | | ¹ Nitrite |
|----------------|----------|-------|------|----------------|-----------------|----------------------------|------------------|----------------|--------------|----------------|----------------|-------------------|----------------------|
| | | | | Type
of | co
t | pecif.
onduc-
cance, | Chlor-
ide, | org-N
water | , or
, wa | g-N,
ter, | water, | Ammonia
water, | water |
| Station number | Date | Time | | blank sample, | | at unf
uS/cm | water,
fltrd, | fltrd
mg/L | | ltrd
g/L | fltrd,
mg/L | unfltrd
mg/L | fltrd,
mg/L |
| Station number | Date | TIME | | code | | is/ciii
5 deqC | mg/L | as N | | s N | as N | as N | as N |
| | | | | (99102) | | _ | (00940) | (00623 | | 625) | (00608) | (00610) | (00631) |
| 103367009999 | 10-10-02 | 1650 | SOUR | CE SOLU | TION | | <.01 | | | | | <.003 | |
| | 10-10-02 | 1700 | FIEL | D | | 2 | .02 | ND | ND | 1 | <.003 | < .003 | .002 |
| 103367309999 | 11-04-02 | 1510 | SOUR | CE SOLU | TION | | | | | | | < .003 | |
| | 11-04-02 | 1520 | FIEL | D | | 2 | | <.04 | ND | 1 | <.003 | <.003 | <.002 |
| 103367009999 | 01-08-03 | 1500 | | CE SOLU | TION | 2 | | | ND | | | <.003 | |
| | 01-08-03 | 1510 | FIEL | | | 3 | | <.04 | ND | | <.003 | <.003 | <.002 |
| 103367309999 | 02-10-03 | 1330 | | CE SOLU | TION | 2 | | | | .04 | | <.003 | |
| | 02-10-03 | 1350 | FIEL | .D | | 2 | | <.04 | < | .04 | <.003 | <.003 | |
| 103367009999 | 04-02-03 | 1510 | SOUR | CE SOLU | TION | 2 | | | ND | 1 | | <.003 | |
| | 04-02-03 | 1520 | FIEL | | | 2 | | ND | ND | | <.003 | <.003 | <.002 |
| 103367309999 | 05-05-03 | 1535 | | CE SOLU | TION | 1 | | | | .04 | | <.003 | |
| | 05-05-03 | 1545 | FIEL | D | | 2 | | <.04 | | .04 | <.003 | <.003 | <.002 |
| | 08-08-03 | 1800 | SOUR | CE SOLU | TION | 1 | | | < | .04 | | <.003 | |
| | 08-08-03 | 1810 | FIEL | D | | 1 | | <.04 | < | .04 | <.003 | <.003 | <.002 |
| | | 1Nitr | | Ortho | Ortho- | | | | ron | Sus- | | | |
| | | nitr | | phos-
phate | phos-
phate, | Phos- | Phos | | bio
ac- | pende
sedi- | | | |
| | | wat | | water | water, | | | | ve), | ment | | | |
| | | unfl | | | unfltrd | water, | | | | concer | | | |
| Date | | | /L | mq/L | mg/L | fltrd, | | rd unf | | | | | |
| | | _ | N | as P | as P | mg/L | mg/ | | g/L | mg/I | | | |
| | | (006 | 30) | (00671) | (70507) | (00666 | 5) (006 | 65) (4 | 6568) | (8015 | 54) | | |
| 10-10-02 | | <.0 | 02 | | <.0010 | | - | _ | | | | | |
| 10-10-02 | | <.0 | 02 | <.001 | <.0010 | < .002 | <.0 | 02 | 4 | | | | |
| 11-04-02 | | <.0 | | | <.0010 | | - | - | | | | | |
| 11-04-02 | | <.0 | 02 | <.001 | <.0010 | <.002 | <.0 | 102 | <3 | | | | |
| 01-08-03 | | <.0 | 02 | | <.0010 | | <.0 | 002 | <3 | | - | | |
| 01-08-03 | | <.0 | | <.001 | M | < .002 | | | <3 | | | | |
| 02-10-03 | | <.0 | | | M | | <.0 | | <3 | | | | |
| 02-10-03 | | <.0 | 102 | <.001 | <.0010 | <.002 | 2 <.0 | 102 | <3 | | - | | |
| 04-02-03 | | .0 | 02 | | <.0010 | | <.0 | | | | - | | |
| 04-02-03 | | | 02 | .001 | M | <.002 | | | 4 | <1 | | | |
| 05-05-03 | | <.0 | | | <.0010 | | <.0 | | 3 | | | | |
| 05-05-03 | | <.0 | 02 | <.001 | <.0010 | <.002 | <.0 | 002 | 3 | | - | | |
| 08-08-03 | | <.0 | 02 | | <.0010 | | <.0 | 02 | | | | | |
| 08-08-03 | | <.0 | | | <.0010 | <.002 | | | <3 | | | | |
| | | | | | | | | | | | | | |

Remark codes used in this report:
< -- Less than
M -- Presence verified, not quantified

ND -- Not Detected

 $^{^1\}mathrm{Hydrazine}$ method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.

NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) Carson City-Spanish Springs Source Water Assessment to monitor conditions in public supply wells. <u>Depths and Water Levels</u>: Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 32 and 34.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Station number | Local Identification | Date | Time | Sample
type | Depth
of
well,
feet
below
LSD
(72008) | Flow
rate of
well,
gal/min
(00058) | Tur-
bidity,
water,
unfltrd
field,
NTU
(61028) |
|-----------------|----------------------|----------|------|----------------|---|--|--|
| 390720119442501 | 105 N15 E20 33ACCC1 | 11-04-02 | 0930 | ENVIRONMENTAL | 510. | 340 | .2 |
| | 105 N15 E20 33ACCC1 | 11-04-02 | 1000 | REPLICATE | | 340 | |
| 390732119455601 | 104 N15 E20 32BBDA1 | 10-29-02 | 1115 | ENVIRONMENTAL | 590 | 500 | .5 |
| 390809119454401 | 104 N15 E20 29BCAC1 | 10-31-02 | 0920 | ENVIRONMENTAL | 560 | 650 | . 3 |
| | 104 N15 E20 29BCAC1 | 10-31-02 | 1000 | REPLICATE | | 650 | . 3 |
| | | | | | | | |
| 390941119424601 | 103 N15 E20 14CCBB1 | 11-05-02 | 0845 | FIELD BLANK | | | |
| | 103 N15 E20 14CCBB1 | 11-05-02 | 0950 | ENVIRONMENTAL | 195 | 1200 | .3 |
| 390950119452901 | 104 N15 E20 17DBBD1 | 10-21-02 | 1115 | ENVIRONMENTAL | 820 | 350 | .2 |
| 391031119462301 | 104 N15 E20 07DDBB1 | 10-24-02 | 0845 | FIELD BLANK | | | |
| | 104 N15 E20 07DDBB1 | 10-24-02 | 1000 | ENVIRONMENTAL | 470 | 280 | .2 |
| | | | | | | | |
| 391035119471501 | 104 N15 E19 12DADD2 | 10-23-02 | 0945 | ENVIRONMENTAL | 470. | 880 | .2 |
| | 104 N15 E19 12DADD2 | 10-23-02 | 1015 | REPLICATE | | 880 | . 2 |
| 391058119424602 | 103 N15 E20 11BCBD1 | 10-22-02 | 0950 | ENVIRONMENTAL | 1250. | 1250 | .2 |
| 391113119471501 | 104 N15 E19 01DDDD1 | 10-30-02 | 0900 | FIELD BLANK | | | |
| | 104 N15 E19 01DDDD1 | 10-30-02 | 1000 | ENVIRONMENTAL | 400 | 1280 | .2 |
| | | | | | | | |
| | 104 N15 E19 01DDDD1 | 10-30-02 | 1015 | SPIKE | | | |
| 391133119461701 | 104 N15 E20 06DAAC2 | 10-28-02 | 0945 | ENVIRONMENTAL | 455 | 250 | .3 |
| | 104 N15 E20 06DAAC2 | 10-28-02 | 1000 | SPIKE | | | |
| 393720119432701 | 085 N20 E20 03CDDC1 | 11-13-02 | 1030 | ENVIRONMENTAL | 200. | 370 | .3 |
| 393738119403001 | 085 N20 E21 06CBCA2 | 11-12-02 | 1050 | ENVIRONMENTAL | 620. | 550 | .2 |
| | | | | | | | |
| 393800119403601 | 085 N20 E20 01AADD1 | 11-12-02 | 1020 | ENVIRONMENTAL | 600. | 490 | . 4 |
| | 085 N20 E20 01AADD1 | 11-12-02 | 1030 | SPIKE | | | |
| 393819119433301 | 085 N21 E20 34CDAC1 | 11-06-02 | 1135 | ENVIRONMENTAL | 400. | 370 | .2 |
| 393821119423601 | 085 N21 E20 35CCAD1 | 11-13-02 | 1015 | ENVIRONMENTAL | 330. | 270 | .2 |
| | 085 N21 E20 35CCAD1 | 11-13-02 | 1030 | SPIKE | | | |
| | | | | | | | |
| | | | | | | | |

Dis- pH, Specif. Baro- solved water, conduc-

Magnes- Potas-

| Station number | Alka-
linity,
wat flt
inc tit
field,
mg/L as | Bicar-
bonate,
wat flt
incrm.
titr.,
field, | Bromide
water,
fltrd, | Chlor-
ide,
water,
fltrd, | Fluor-
ide,
water,
fltrd, | Silica,
water,
fltrd, | Sulfate water, fltrd, | Sulfide
water,
fltrd,
field, | Residue
on
evap.
at
180degC
wat flt | Ammonia + org-N, water, fltrd, mg/L | Ammonia
water,
fltrd,
mg/L | Nitrite + nitrate water fltrd, mg/L |
|---|--|---|---|--|---|--|--|--|--|---|--|---|
| | CaCO3
(39086) | mg/L
(00453) | mg/L
(71870) | mg/L
(00940) | mg/L
(00950) | mg/L
(00955) | mg/L
(00945) | mg/L
(99118) | mg/L
(70300) | as N
(00623) | as N
(00608) | as N
(00631) |
| 390720119442501 | 103
103 | 126
126 | .04 | 3.42 | .32 | 40.2 | 7.6 | | 166 | <.10 | <.04 | 1.18 |
| 390732119455601 | 99 | 121 | .03 | 3.98 | .20 | 31.7 | 6.2 | .005 | 151 | <.10 | <.04 | 1.05 |
| 390809119454401 | 80
80 | 107
107 | .02 | 2.69 | <.17 | 36.6
 | 3.1 | | 140 | <.10 | <.04 | 2.20 |
| 390941119424601 | | | | | | | | | | | | |
| 390950119452901 | 126
94 | 154
115 | .04
E.01 | 12.9
1.70 | 1.34 | 30.1
23.2 | 88.3
13.7 | .000 | 317
139 | < .10 | E.04 | .27 |
| 391031119462301 | | 115 | | | <.17 | | | | | <.10 | <.04 | |
| | 100 | 120 | .02 | .90 | <.17 | 26.8 | 1.6 | | 127 | <.10 | <.04 | .43 |
| 391035119471501 | 87
<i>88</i> | 106
108 | E.01 | 1.91 | <.17 | 27.3 | 4.8 | | 131 | <.10 | <.04 | 2.38 |
| 391058119424602 | 56 | 68 | .07 | 16.2 | 1.04 | 21.8 | 248 | .005 | 480 | <.10 | E.03 | <.06 |
| 391113119471501 |
82 | 100 |
E.01 |
3.79 |
<.17 | 30.3 | 2.6 | | 133 |
<.10 | <.04 |
2.71 |
| | | | | | | | | | | | | |
| 391133119461701 | 85 | 103 | .02 | 3.09 | .28 | 33.2 | 10.5 | | 147 | <.10 | < .04 | .41 |
| 393720119432701 | 146 |
178 | .13 | 13.7 | .19 | 39.8 | 20.4 | | 260 |
<.10 | <.04 |
4.77 |
| 393738119403001 | 97 | 118 | .15 | 15.0 | .22 | 30.7 | 19.9 | | 193 | <.10 | <.04 | 2.69 |
| 393800119403601 | 99
 | 121 | .10 | 9.61
 | .22 | 33.2 | 15.5
 | | 180 | <.10 | <.04 | 2.28 |
| 393819119433301
393821119423601 | 123 | 150 | .18 | 15.5 | .32 | 71.7 | 19.9 | | 280 | < .10 | < .04 | 4.14 |
| 393821119423601 | 111 | 136 | .48 | 58.9 | .24 | 63.1 | 72.2 | .000 | 427 | <.10 | <.04 | 8.12 |
| | | | | | | | | | | | | |
| Station number | Nitrite
water,
fltrd,
mg/L
as N
(00613) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Organic
carbon,
water,
fltrd,
mg/L
(00681) | Colipge
F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | Colipge
som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | E coli,
MI MF,
water,
col/
100 mL
(90901) | Total
coli-
form,
MI MF,
water,
col/
100 mL
(90900) | Alum-
inum,
water,
fltrd,
ug/L
(01106) | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsen-
ate,
water,
fltrd,
ug/L
as As
(62453) | Arsenic
water,
fltrd,
ug/L
(01000) | Arsenite,
water,
fltrd,
ug/L
as As
(62452) |
| Station number
390720119442501 | water,
fltrd,
mg/L
as N | phos-
phate,
water,
fltrd,
mg/L
as P | carbon,
water,
fltrd,
mg/L
(00681) | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L | MI MF,
water,
col/
100 mL | coli-
form,
MI MF,
water,
col/
100 mL | inum,
water,
fltrd,
ug/L | mony,
water,
fltrd,
ug/L
(01095) | ate,
water,
fltrd,
ug/L
as As | water,
fltrd,
ug/L | ite,
water,
fltrd,
ug/L
as As |
| 390720119442501
390732119455601 | water,
fltrd,
mg/L
as N
(00613)
<.008

E.004 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.2
E.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)
2

2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2 | MI MF,
water,
col/
100 mL
(90901)
<1

<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2 | inum,
water,
fltrd,
ug/L
(01106)
<2

<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30

<.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5 | water,
fltrd,
ug/L
(01000)
1.2

1.5 | ite,
water,
fltrd,
ug/L
as As
(62452)
<.3

<.3 |
| 390720119442501 | water,
fltrd,
mg/L
as N
(00613) | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.2 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | MI MF,
water,
col/
100 mL
(90901) | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum, water, fltrd, ug/L (01106) <2 | mony,
water,
fltrd,
ug/L
(01095)
<.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9 | water,
fltrd,
ug/L
(01000) | ite,
water,
fltrd,
ug/L
as As
(62452) |
| 390720119442501
390732119455601 | water,
fltrd,
mg/L
as N
(00613)
<.008

E.004
<.008 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.04

.10
.13 | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.2
E.3
E.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)
2

2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2

2
2 | MI MF,
water,
col/
100 mL
(90901)
<1

<1
<1
<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum,
water,
fltrd,
ug/L
(01106)
<2

<2
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30

<.30
<.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2 | water,
fltrd,
ug/L
(01000)
1.2

1.5
1.6 | ite,
water,
fltrd,
ug/L
as As
(62452)
<.3

<.3
<.3 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | water,
fltrd,
mg/L
as N
(00613)
<.008

E.004
<.008

E.007 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.04

.10
.13

E.01 | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.3
E.3
E.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)
2

2
2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2

2
2
2 | MI MF,
water,
col/
100 mL
(90901)
<1

<1
<1

<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2
<1

<1 | inum, water, fltrd, ug/L (01106) <2 <2 <2 <2 <2 | mony,
water,
fltrd,
ug/L
(01095)
<.30

<.30
<.30
 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2
 | water,
fltrd,
ug/L
(01000)
1.2

1.5
1.6
 | ite,
water,
fltrd,
ug/L
as As
(62452)
<.3

<.3
<.3
 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | water,
fltrd,
mg/L
as N
(00613)
<.008

E.004
<.008

E.007
<.008 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.04

.10
.13 | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.3
E.3

E.2
.5
E.2 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)
2

2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2
2
2
2 | MI MF,
water,
col/
100 mL
(90901)
<1

<1
-1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2
<1 | inum,
water,
fltrd,
ug/L
(01106)
<2

<2
<2
 | mony,
water,
fltrd,
ug/L
(01095)
<.30

<.30
<.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2 | water,
fltrd,
ug/L
(01000)
1.2

1.5
1.6 | ite,
water,
fltrd,
ug/L
as As
(62452)
<.3

<.3
<.3 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | water,
fltrd,
mg/L
as N
(00613)
<.008

E.004
<.008

E.007 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.04

.10
.13

E.01
.14 | carbon,
water,
fltrd,
mg/L
(00681)
E.2
E.3
E.3
E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2
 | MI MF,
water,
col/
100 mL
(90901)
<1

<1
<1

<1
<1
 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2
<1

<1
<1 | inum,
water,
fltrd,
ug/L
(01106)
<2

<2
<2

<2
2
2 | mony,
water,
fltrd,
ug/L
(01095)
<.30

<.30
<.30
 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2

E10.4
E8.7 | water,
fltrd,
ug/L
(01000)
1.2

1.5
1.6

16.7
10.9 | ite,
water,
fltrd,
ug/L
as As
(62452)
<.3

<.3
<.3

2.6 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 E.007 <.008 <.008 <.008 <.008 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
.04

.10
.13

E.01
.14

.06 | Earbon, water, fltrd, mg/L (00681) E.2 E.3 E.3 E.3 E.3 E.2 E.2 E.3 E.2 E.2 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2
 | MI MF, water, col/ 100 mL (90901) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2
<1

<1
<1
<1 | inum, water, fltrd, ug/L (01106) <2 <2 <2 M <2 | mony, water, fltrd, ug/L (01095) <.30 <.30 <.3 <.30 <.30 < <.30 < <.30 < <.30 < <.30 < <.30 < <.30 < <.30 < <.30 < <.30 < <.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2

E10.4
E8.7

E.7 | water, fltrd, ug/L (01000) 1.2 1.5 1.6 16.7 10.97 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 2.6 -6 <.3 <.3 <.3 2.6 .6 <.3 <.3 <.3 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 C.008 <.008 <.008 <.008 <.008 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
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.13

E.01
.14

.06 | Earbon, water, fltrd, mg/L (00681) E.2 E.2 E.3 E.3 E.3 E.2 < .3 < .3 E.3 E.3 E.3 E.3 E.3 E.2 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)
2
 | MI MF, water, col/ 100 mL (90901) <1 <1 <1 <1 <1 <1 <1 <1 <1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)
<1

E2
<1

<1
<1
<1 | inum, water, fltrd, ug/L (01106) <2 <2 <2 2 M <2 X2 2 2 X2 2 X2 2 2 2 | mony, water, fltrd, ug/L (01095) <.30 <.3088 <.30 <.30 <.30 <.30 <.30 | ate,
water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2

E10.4
E8.7
E.7
E.2

E1.3 | water, fltrd, ug/L (01000) 1.2 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 <.3 <.3 <.3 <.3 <.6 6 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 |
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390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 E.007 <.008 <.008 <.008 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)
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.06 | Earbon, water, fltrd, mg/L (00681) E.2 E.3 E.3 E.3 E.2 .5 E.2 .3 .3 E.3 .3 E.3 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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form,
MI MF,
water,
col/
100 mL
(90900)
<1
 | inum, water, fltrd, ug/L (01106) <2 <2 <2 M <2 2 M <2 | mony, water, fltrd, ug/L (01095) <.30 <.30 <.30 <.3088 <.30 <.30 <.30 <.30 | ate,
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fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2

E10.4
E8.7
E.7 | water,
fltrd,
ug/L
(01000)
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.7 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 <.3 <.3 <.6 .6 <.3 <.3 <.3 |
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390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 E.007 <.008 <.008 <.008 | phos-
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CN13hst
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pres(1)
abs(2)
/L
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fltrd,
ug/L
as As
(62453)
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E1.2

E10.4
E8.7

E.7 | water, fltrd, ug/L (01000) 1.2 1.5 1.6 16.7 10.97 .5 1.6 1.6 1.6 1.6 1.6 1.6 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 |
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391035119471501
391058119424602 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 E.007 <.008 <.008 <.008 <.008 <.008 <.008 | phos-phate, water, fltrd, mg/L as P (00671) .0410 .13 E.01 .1406 .030203 | Earbon, water, fltrd, mg/L (00681) E.2 E.3 E.3 E.3 E.3 E.3 E.2 E.2 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391035119462301 391035119471501 391058119424602 391113119471501 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 <.008 <.008 <.008 <.008 <.008 | phos-phate, water, fltrd, mg/L as P (00671) .0410 .13 E.01 .1406 .03 <.0203 | Earbon, water, fltrd, mg/L (00681) E.2 E.2 E.3 E.3 E.3 E.3 E.2 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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2 | MI MF, water, col/ 100 mL (90901) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | coli- form, MI MF, water, col/ 100 mL (90900) <1 E2 <1 <1 <1 <1 <1 <1 <1 <1 | inum, water, fltrd, ug/L (01106) <2 <2 <2 2 <2 2 M <2 <2 2 M <2 <2 2 2 <2 | mony, water, fltrd, ug/L (01095) <.30 <.3088 <.30 <.30 <.30 <.30 <.30 <.30 <.30 <.30 | ate, water, fltrd, ug/L as As (62453) E.9 E1.5 E1.2 E10.4 E8.7 E.7 E.7 E.2 E1.3 E1.5 E2.5 | water, fltrd, ug/L (01000) 1.2 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 2.6 .6 .6 <.3 <.3 1.1 19.3 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 E.007 <.008 <.008 <.008 <.008 <.008 <.008 | phos-phate, water, fltrd, mg/L as P (00671) .0410 .13 E.01 .1406 .030203 | Earbon, water, fltrd, mg/L (00681) E.2 E.3 E.3 E.3 E.3 E.3 E.2 E.2 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391133119461701 393720119432701 | water, fltrd, mg/L water, fltrd, mg/L was N (00613) <.008 | phos-phate, water, fltrd, mg/L as P (00671) .0410 .13 E.01 .1406 .03 <.020305 | Earbon, water, fltrd, mg/L (00681) E.2 E.2 E.3 E.3 E.3 E.2 C.3 C.3 E.3 E.3 E.3 E.3 E.3 E.3 E.3 E.3 E.3 E | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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water,
fltrd,
ug/L
as As
(62453)
E.9

E1.5
E1.2

E10.4
E8.7
E.7
E.7
E.2

E1.3

E2.5 | water, fltrd, ug/L (01000) 1.2 | ite, water, fltrd, ug/L as As (62452) <.3 <.3 <.3 <.6 .6 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 .3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3 </.3</td |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391035119471501 391058119424602 391113119471501 391720119432701 393720119432701 393738119403001 | water, fltrd, mg/L as N (00613) <.008 E.004 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 | phos-phate, water, fltrd, mg/L as P (00671) .0410 .13 E.01 .1406 .03 <.020305 .02 | Earbon, water, fltrd, mg/L (00681) E.2 E.2 E.3 E.3 E.3 E.2 E.2 E.3 E.3 E.3 E.3 E.3 E.3 E.3 E.2 E.3 E.3 E.3 E.3 E.3 E.3 E.3 E.2 E.3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 | som, Ec
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NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Barium,
water,
fltrd,
ug/L
(01005) | Beryll-
ium,
water,
fltrd,
ug/L
(01010) | Boron,
water,
fltrd,
ug/L
(01020) | Cadmium
water,
fltrd,
ug/L
(01025) | Chrom-
ium,
water,
fltrd,
ug/L
(01030) | Cobalt
water,
fltrd,
ug/L
(01035) | Copper,
water,
fltrd,
ug/L
(01040) | Iron-
(II),
water,
unfltrd
ug/L
(99032) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Lithium
water,
fltrd,
ug/L
(01130) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) |
|---|--|---|--|---|---|--|--|--|--|---|---|---|
| 390720119442501 | 27 | <.06 | 67 | <.04 | <.8 | .05 | 1.6 | .0 | <10 | .26 | E.4 | 6.5 |
| 390732119455601
390809119454401 | 52
35 | <.06
<.06 | 36
11 |
<.04
<.04 |
<.8
<.8 | .03 | .9
1.0 | .0 | 18
<10 | .12
.14 | 58.1
2.7 | 3.1
6.7 |
| 390941119424601 | | | | | | | | | | | | |
| 390941119424601 | 45
25 | <.06
<.06 | 305
20 | E.03
<.04 | .8
E.6 | .10 | .8 | .0 | E5
11 | .26 | 26.1
4.8 | 42.2
16.9 |
| 391031119462301 |
16 |
<.06 | 8 | <.04 | E.7 | .04 | 1.1 | .0 | <10 | .11 | 10.2 | <.2 |
| 391035119471501 | 21 | <.06 | 7 | <.04 | <.8 | .03 | 2.6 | .0 | <10 | .12 | 6.3 | <.2 |
| | | | | | | | | | | | | |
| 391058119424602
391113119471501 | 8 | <.06 | 353 | .06 | <.8 | .12 | 1.3 | M
 | 28 | .10 | 4.0 | 20.1 |
| | 14 | <.06 | 11 | <.04 | <.8 | .04 | 1.7 | .0 | <10 | .17 | 11.3 | <.2 |
| 201122110461801 | | | | | | | | | | | | |
| 391133119461701 | 28 | <.06
 | 48 | E.02 | <.8 | .02 | E.2 | M
 | <10 | .10 | 8.8 | 3.2 |
| 393720119432701 | 98 | <.06 | 51 | < .04 | E.5 | .10 | .5 | .0 | <10 | .11 | 2.4 | E.2 |
| 393738119403001 | 7 | <.06 | 61 | <.04 | 2.5 | . 03 | .6 | . 0 | <10 | .32 | 3.8 | .9 |
| 393800119403601 | 14 | <.06 | 52 | E.02 | 2.2 | .03 | .5 | . 0 | <10 | .58 | 2.7 | 1.0 |
| 393819119433301 | 107 | <.06 | 74 | <.04 | E.7 | .04 | 1.2 | .0 | <10 | .18 | .9 | .5 |
| 393821119423601 | 82 | <.06 | 200 | E.03 | <.8 | .13 | 1.3 | . 0 | <10 | .15 | 2.5 | 1.6 |
| | | | | | | | | | | | | |
| Station number | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) | Stront-
ium,
water,
fltrd,
ug/L
(01080) | Thall-
ium,
water,
fltrd,
ug/L
(01057) | Vanad-
ium,
water,
fltrd,
ug/L
(01085) | Zinc,
water,
fltrd,
ug/L
(01090) | 1,4-Di-
chloro-
benzene
water,
fltrd,
ug/L
(34572) | 1-
Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054) | 1-Naph-
thol,
water,
fltrd
0.7u GF
ug/L
(49295) | a2,4,5-T
surrog,
water,
fltrd,
percent
recovry
(99958) |
| Station number 390720119442501 | denum,
water,
fltrd,
ug/L
(01060) | water,
fltrd,
ug/L
(01065) | ium,
water,
fltrd,
ug/L
(01145)
E.4 | water,
fltrd,
ug/L
(01075) | ium,
water,
fltrd,
ug/L
(01080) | ium,
water,
fltrd,
ug/L
(01057) | ium,
water,
fltrd,
ug/L
(01085) | water,
fltrd,
ug/L
(01090) | chloro-
benzene
water,
fltrd,
ug/L
(34572) | Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054) | thol,
water,
fltrd
0.7u GF
ug/L
(49295) | surrog,
water,
fltrd,
percent
recovry
(99958) |
| | denum,
water,
fltrd,
ug/L
(01060) | water,
fltrd,
ug/L
(01065) | ium,
water,
fltrd,
ug/L
(01145) | water,
fltrd,
ug/L
(01075) | ium,
water,
fltrd,
ug/L
(01080) | ium,
water,
fltrd,
ug/L
(01057) | ium,
water,
fltrd,
ug/L
(01085) | water,
fltrd,
ug/L
(01090) | chloro-
benzene
water,
fltrd,
ug/L
(34572) | Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054) | thol,
water,
fltrd
0.7u GF
ug/L
(49295) | surrog,
water,
fltrd,
percent
recovry
(99958) |
| 390720119442501 | denum,
water,
fltrd,
ug/L
(01060)
2.7

2.6
.9 | water,
fltrd,
ug/L
(01065)
.92

.42
.69 | ium,
water,
fltrd,
ug/L
(01145)
E.4

<.5
<.5 | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245 | ium,
water,
fltrd,
ug/L
(01057)
<.04

<.04
<.04 | ium,
water,
fltrd,
ug/L
(01085)
5.2

6.1
4.6 | water,
fltrd,
ug/L
(01090)
2

M
2 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5

<.5
<.5 | Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054)
<.5

<.5
<.5 | thol,
water,
fltrd
0.7u GF
ug/L
(49295)
<.09

<.09
<.09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
80.8 |
| 390720119442501
390732119455601
390809119454401 | denum,
water,
fltrd,
ug/L
(01060)
2.7

2.6 | water,
fltrd,
ug/L
(01065)
.92

.42 | ium,
water,
fltrd,
ug/L
(01145)
E.4

<.5 | water,
fltrd,
ug/L
(01075)
<.20

<.20 | ium,
water,
fltrd,
ug/L
(01080)
308

240 | ium,
water,
fltrd,
ug/L
(01057)
<.04

<.04 | ium,
water,
fltrd,
ug/L
(01085)
5.2

6.1 | water,
fltrd,
ug/L
(01090)
2

M | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5

<.5
<.5
<.5 | Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054) | thol,
water,
fltrd
0.7u GF
ug/L
(49295)
<.09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0 |
| 390720119442501
390732119455601 | denum,
water,
fltrd,
ug/L
(01060)
2.7

2.6
.9
 | water,
fltrd,
ug/L
(01065)
.92

.42
.69 | ium, water, fltrd, ug/L (01145) E.4 <.5 | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245
 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 | ium,
water,
fltrd,
ug/L
(01085)
5.2

6.1
4.6 | water,
fltrd,
ug/L
(01090)
2

M
2
 | chlorobenzene water, fltrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 | Methyl-naphth-alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 | thol, water, fltrd 0.7u GF ug/L (49295) < .09 < .09 < .09 < .09 < .09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
80.8
84.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | denum,
water,
fltrd,
ug/L
(01060)
2.7

2.6
.9 | water,
fltrd,
ug/L
(01065)
.92

.42
.69

2.15
.46 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245

563
186 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 | ium,
water,
fltrd,
ug/L
(01085)
5.2

6.1
4.6 | water,
fltrd,
ug/L
(01090)
2

M
2 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5

<.5
<.5
<.5
<.5
<.5 | Methyl-naphth-alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | thol,
water,
fltrd
0.7u GF
ug/L
(49295)
<.09

<.09
<.09
<.09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
80.8
84.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | denum,
water,
fltrd,
ug/L
(01060)
2.7
 | water,
fltrd,
ug/L
(01065)
.92

.42
.69

2.15 | ium,
water,
fltrd,
ug/L
(01145)
E.4

<.5
<.5

E.4 | water,
fltrd,
ug/L
(01075)
< .20

< .20
< .20
 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245

563 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 E.02 | ium,
water,
fltrd,
ug/L
(01085)
5.2

6.1
4.6
 | water,
fltrd,
ug/L
(01090)
2

M
2

M | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
<.5
<.5
<.5 | Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62054)
<.5

<.5
<.5
<.5
<.5 | thol, water, fltrd 0.7u GF ug/L (49295) < .09 < .09 < .09 < .09 < .09 < .09 < .09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
80.8
84.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 | water,
fltrd,
ug/L
(01065)
.92

.42
.69

2.15
.46 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20

<.20
 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245

563
186 | ium, water, fltrd, ug/L (01057) <.04 <.04 E.02 <.04 | ium, water, fltrd, ug/L (01085) 5.26.1 4.6 1.4 9.4 | water,
fltrd,
ug/L
(01090)
2

M
2

M
M | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.55 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | thol, water, fltrd 0.7u GF ug/L (49295) <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 <- 09 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
80.8
84.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 | water,
fltrd,
ug/L
(01065)
.92

.42
.69

2.15
.46

1.17 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 < <.5 < | water,
fltrd,
ug/L
(01075)
<.20
<.20
<.20

<.20
<.20
<.20 | ium,
water,
fltrd,
ug/L
(01080)
308

240
245

563
186

195 | ium, water, fltrd, ug/L (01057) <.04 <.04 E.02 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.26.1 4.6 1.4 9.4 7.4 3.6 | water,
fltrd,
ug/L
(01090)
2

M
2

M
M

<1 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | thol, water, fltrd 0.7u GF ug/L (49295) < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 92.6 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.32 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 <.5 < <.5 < <.5 < < < < < < < < < <- | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20

<.20
<.20

<.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 | ium, water, fltrd, ug/L (01057) <.04 <.04 E.02 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 6.1 4.6 1.4 9.4 7.4 3.6 5.0 | water,
fltrd,
ug/L
(01090)
2

M
2

M
M

<1 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
84.0

76.6
106

92.6
71.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | denum, water, fltrd, ug/L (01060) 2.7 2.6 -9 9.1 5.39 .8 30.0 1.1 | water, fltrd, ug/L (01065) .92 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 | water, fltrd, ug/L (01090) 2 M 2 M <1 1 2 2 | chloro-
benzene water, fltrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | thol, water, fltrd 0.7u GF ug/L (49295) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 92.6 71.0 72.7 79.0 86.9 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.32 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 <.5 < <.5 < <.5 < < < < < < < < < <- | water,
fltrd,
ug/L
(01075)
<.20

<.20
<.20

<.20
<.20

<.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 | ium, water, fltrd, ug/L (01057) <.04 <.04 E.02 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 6.1 4.6 1.4 9.4 7.4 3.6 5.0 | water,
fltrd,
ug/L
(01090)
2

M
2

M
M

<1 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 < .00 | surrog,
water,
fltrd,
percent
recovry
(99958)
75.6

83.0
84.0

76.6
106

92.6
71.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602
391133119461701 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 1.1 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.3284 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 | water, fltrd, ug/L (01090) 2 | chloro-
benzene water, fltrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | thol, water, fltrd 0.7u GF ug/L (49295) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 92.6 71.0 72.7 79.0 86.9 88.4 92.9 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602
391113119471501 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 1.1 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .7284 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 E.02 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 6.1 4.6 1.4 9.4 7.4 3.6 6.6 | water, fltrd, ug/L (01090) 2 | chloro-
benzene
water,
fltrd,
ug/L
(34572)
<.5
<.5
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<.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) | surrog, water, fltrd, percent recovry (99958) 75.6 |
| 390720119442501
390732119455601
390809119454401
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391035119471501
391058119424602
391113119471501
391133119461701
393720119432701 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 1.1 7.8 1.5 4.1 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.3284 1.44 .31 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.6 <.6 <.6 <.6 <.7 <.8 <.6 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 | water, fltrd, ug/L (01090) 2 M 2 M M <1 1 2 2 1 1 5 3 5 | chloro- benzene water, fltrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 92.6 71.0 72.7 79.0 86.9 88.4 92.9 68.6 76.2 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 1.1 7.8 1.5 4.1 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.3284 1.44 .31 .28 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 160 372 131 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 6.1 4.6 1.4 9.4 7.4 3.6 6.6 10.5 22.9 | water, fltrd, ug/L (01090) 2 M 2 M M < | chloro- benzene water, filtrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 72.7 79.0 86.9 88.4 92.9 68.6 76.2 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 39113119471501 391733119461701 393720119432701 393738119403001 | denum, water, fltrd, ug/L (01060) 2.7 2.6 .9 9.1 5.39 .8 30.0 1.1 7.8 1.5 4.1 | water, fltrd, ug/L (01065) .9242 .69 2.15 .46 1.17 .72 1.3284 1.44 .31 | ium, water, fltrd, ug/L (01145) E.4 <.5 <.5 E.4 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.6 <.6 <.6 <.6 <.7 <.8 <.6 | water, fltrd, ug/L (01075) <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 <.20 | ium, water, fltrd, ug/L (01080) 308 240 245 563 186 195 231 689 203 | ium, water, fltrd, ug/L (01057) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ium, water, fltrd, ug/L (01085) 5.2 | water, fltrd, ug/L (01090) 2 M 2 M M <1 1 2 2 1 1 5 3 5 | chloro- benzene water, fltrd, ug/L (34572) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Methyl-naphth- alene, water, fltrd, ug/L (62054) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | thol, water, fltrd 0.7u GF ug/L (49295) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | surrog, water, fltrd, percent recovry (99958) 75.6 83.0 80.8 84.0 76.6 106 92.6 71.0 72.7 79.0 86.9 88.4 92.9 68.6 76.2 |

| Station number | 2,4-D
water,
fltrd,
ug/L
(50470) | 2,4-D
water,
fltrd,
ug/L
(39732) | 2,4-DB
water,
fltrd
0.7u GF
ug/L
(38746) | 2,6-Di-
ethyl-
aniline
water
fltrd
0.7u GF
ug/L
(82660) | | 2-[(2-
Et-6-Me
-Ph)-
-amino]
propan-
1-ol,
ug/L
(61615) | 2Chloro
-2',6'-
diethyl
acet-
anilide
wat flt
ug/L
(61618) | CIAT,
water,
fltrd,
ug/L
(04040) | CEAT,
water,
fltrd,
ug/L
(04038) | 2-Ethyl
-6-
methyl-
aniline
water,
fltrd,
ug/L
(61620) | OIET,
water,
fltrd,
ug/L
(50355) | 2-
Methyl-
naphth-
alene,
water,
fltrd,
ug/L
(62056) |
|--|--|--|--|---|--|---|---|---|---|---|---|--|
| 390720119442501 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 390732119455601 | <.009 | <.02 | <.02 | <.006 |
<.5 | <.1 | <.005 | E.003 |
M | <.004 | <.008 |
<.5 |
| 390809119454401 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | E.003 | <.04 | <.004 | <.008 | <.5 |
| | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | E.002 | <.04 | <.004 | <.008 | <.5 |
| 390941119424601 | | | | | <.5 | | | | | | | <.5 |
| 350541115424601 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 390950119452901 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 391031119462301 | | | | | <.5 | | | | | | | <.5 |
| | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 391035119471501 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | E.002 | <.04 | <.004 | <.008 | <.5 |
| 391058119424602 | <.009 | <.02 | < .02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 391113119471501 | <.009 | <.02 | <.02 | <.006 | | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | |
| | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| | <.009 | <.02 | <.02 | | | | | E.07 | <.04 | | <.008 | |
| 391133119461701 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 393720119432701 | <.009 | <.02 | <.02 | <.006 |
<.5 | <.1 | <.005 | E.043 | <.04 | <.004 | <.008 | <.5 |
| 393738119403001 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| 393800119403601 | <.009 | <.02 | <.02 | <.006 | <.5 | <.1 | <.005 | <.006 | <.04 | <.004 | <.008 | <.5 |
| | | | | | | | | | | | | |
| 393819119433301
393821119423601 | <.009
<.009 | <.02
<.02 | <.02
<.02 | <.006
<.006 | <.5
<.5 | <.1
<.1 | <.005
<.005 | <.006
<.006 | <.04
<.04 | <.004
<.004 | <.008 | <.5
<.5 |
| 555021115425001 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Station number | 3,4-Di-
chloro-
aniline
water
fltrd,
ug/L
(61625) | 3-beta-
Copros-
tanol,
water,
fltrd,
ug/L
(62057) | 3-
Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308) | 3-Keto-
carbo-
furan,
water,
fltrd,
ug/L
(50295) | 3-
Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058) | 3-tert-
Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059) | 4Chloro
2methyl
phenol,
water,
fltrd,
ug/L
(61633) | 4-
Cumyl-
phenol,
water,
fltrd,
ug/L
(62060) | 4-
Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | 4-
Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | 4-tert-
Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | 5-Meth-
yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| Station number
390720119442501 | chloro-
aniline
water
fltrd,
ug/L
(61625) | Coprostanol, water, fltrd, ug/L (62057) | Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308)
<.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058) | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059) | 2methyl
phenol,
water,
fltrd,
ug/L
(61633) | Cumyl-
phenol,
water,
fltrd,
ug/L
(62060) | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| 390720119442501 | chloro-
aniline
water
fltrd,
ug/L
(61625)
<.004 | Coprostanol, water, fltrd, ug/L (62057) | Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308)
<.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058) | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059) | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006 | Cumyl-
phenol,
water,
fltrd,
ug/L
(62060) | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| | chloro-
aniline
water
fltrd,
ug/L
(61625) | Coprostanol, water, fltrd, ug/L (62057) | Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308)
<.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058) | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059) | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006 | Cumyl-
phenol,
water,
fltrd,
ug/L
(62060) | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| 390720119442501
390732119455601 | chloro-
aniline
water
fltrd,
ug/L
(61625)
<.004 | Coprostanol, water, fltrd, ug/L (62057) | Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308)
<.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058) | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059) | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006 | Cumyl-
phenol,
water,
fltrd,
ug/L
(62060) | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| 390720119442501
390732119455601
390809119454401 | chloro-
aniline
water
fltrd,
ug/L
(61625)
<.004

<.004
<.004 | Coprostanol, water, fltrd, ug/L (62057) | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5

<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006 | Cumyl- phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2 |
| 390720119442501
390732119455601 | chloro-
aniline
water
fltrd,
ug/L
(61625)
<.004

<.004
<.004 | Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 | Hydroxy
carbo-
furan,
wat flt
0.7u GF
ug/L
(49308)
<.006 | carbo-
furan,
water,
fltrd,
ug/L
(50295) | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058)
<1

<1
<1 | Butyl-
4-hy-
droxy-
anisole
wat fit
ug/L
(62059) | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006 | Cumyl- phenol, water, fltrd, ug/L (62060) <1 <1 <1 | Octyl-
phenol,
water,
fltrd,
ug/L
(62061) | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085) | Octyl-
phenol,
water,
fltrd,
ug/L
(62062) | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063) |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | chloro-
aniline
water
fltrd,
ug/L
(61625)
<.004

<.004
<.004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-
furan, wat flt 0.7u GF ug/L (49308) < .006 < .006 < .006 < .006 | carbo-
furan,
water,
fltrd,
ug/L
(50295)
<2

<2
<2
<2
<2 | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058)
<1

<1
<1
<1 | Butyl-
4-hy-
droxy-
anisole
wat fit
ug/L
(62059)
<5

<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085)
<5

<5
<5
<5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 < | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 | carbo-
furan,
water,
fltrd,
ug/L
(50295)
<2 <2 <2 <2 <2 <2 < | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5

<5
<5
<5
<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006
<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 -1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-
furan, wat flt 0.7u GF ug/L (49308) | carbo-
furan,
water,
fltrd,
ug/L
(50295)
<2

<2
<2
<2
<2 | Methyl-
1H-
indole,
water,
fltrd,
ug/L
(62058)
<1

<1
<1
<1
<1
<1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5

<5
<5
<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-
phenol,
water,
fltrd,
ug/L
(62085)
<5

<5
<5
<5
<5
<5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2
<2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 < | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 | carbo-
furan,
water,
fltrd,
ug/L
(50295)
<2 <2 <2 <2 <2 <2 < | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5

<5
<5
<5
<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006
<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 -1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-
benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) <.006 | carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 < <2 <2 < <2 < <2 < <2 < <2 < < | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5
<5
<5
<5
<5
<5
<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006
<.006
<.006
<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 < | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-benzo-
tri-
azole,
wat flt
ug/L
(62063) <2<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 < |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.0004 <.004 <.0004 <.0004 <.0004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo- furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | carbo- furan, water, filtrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006
<.006
<.006
<.006
<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-benzo-
tri-
azole,
wat flt
ug/L
(62063)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) <.006 | carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 < <2 <2 < <2 < <2 < <2 < <2 < < | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl-
4-hy-
droxy-
anisole
wat flt
ug/L
(62059)
<5
<5
<5
<5
<5
<5
<5
<5
<5 | 2methyl
phenol,
water,
fltrd,
ug/L
(61633)
<.006

<.006
<.006
<.006
<.006
<.006
<.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 < | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-benzo-
tri-
azole,
wat flt
ug/L
(62063) <2<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 < |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.00 | carbo- furan, water, filtrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 < <5 < < | 2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <pre></pre> | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-benzo- tri- azole, wat flt ug/L (62063) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 39103811944602 391133119471501 393720119432701 393720119432701 393738119403001 393800119403601 393819119433301 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < .006 < | carbo- furan, water, fltrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 < < | 2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <5 <5 <5 <5 <5 <-5 <-5 <-5 <-5 <-5 | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | y1-1H-benzo- tri- azole, wat flt ug/L (62063) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | chloro- aniline water fltrd, ug/L (61625) <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 | Coprostanol, water, water, fltrd, ug/L (62057) <2 | Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.00 | carbo- furan, water, filtrd, ug/L (50295) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Methyl- 1H- indole, water, fltrd, ug/L (62058) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Butyl- 4-hy- droxy- anisole wat flt ug/L (62059) <5 <5 <5 <5 <5 <5 <5 < <5 < < | 2methyl phenol, water, fltrd, ug/L (61633) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | Cumyl-phenol, water, fltrd, ug/L (62060) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Octyl-phenol, water, fltrd, ug/L (62061) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | Nonyl-phenol, water, fltrd, ug/L (62085) <pre></pre> | Octyl-phenol, water, fltrd, ug/L (62062) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | yl-1H-benzo- tri- azole, wat flt ug/L (62063) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | 9,10-
Anthra-
quinone
water, | Aceto-
chlor,
water, | Aceto-
phenone
water, | AHTN,
water, | Aci-
fluor-
fen,
water,
fltrd | Ala-
chlor,
water, | Aldi-
carb
sulfone
water,
fltrd | Aldi-
carb
sulf-
oxide,
wat flt | Aldi-
carb,
water,
fltrd | alpha-
HCH-d6,
surrog,
Sch2003
wat flt | Anthra-
cene,
water, | Atra-
zine,
water, |
|---|--|--|--|--|--|--|---|---|---|---|---|---|
| Station number | fltrd,
ug/L
(62066) | fltrd,
ug/L
(49260) | fltrd,
ug/L
(62064) | fltrd,
ug/L
(62065) | 0.7u GF
ug/L
(49315) | fltrd,
ug/L
(46342) | 0.7u GF
ug/L
(49313) | 0.7u GF
ug/L
(49314) | 0.7u GF
ug/L
(49312) | percent
recovry
(99995) | fltrd,
ug/L
(34221) | fltrd,
ug/L
(39632) |
| 390720119442501 | <.5 | <.006 | < . 5 | M
 | <.007 | <.004 | <.02 | <.008 | <.04 | 90.4 | <.5 | <.007 |
| 390732119455601 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 97.3 | <.5 | E.003 |
| 390809119454401 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 89.1 | <.5 | E.003 |
| | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 84.6 | <.5 | E.002 |
| 390941119424601 | <.5 | | М | <.5 | | | | | | | <.5 | |
| | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 92.7 | <.5 | <.007 |
| 390950119452901
391031119462301 | <.5
<.5 | <.006 | <.5
E.1 | <.5
<.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 106 | <.5
<.5 | <.007 |
| 391031119462301 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 87.4 | <.5 | <.007 |
| | | | | | | | | | | | | |
| 391035119471501 | <.5 | <.006 | < .5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 90.2 | <.5 | <.007 |
| 391058119424602 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 83.5 | <.5 | <.007 |
| 391113119471501 | | <.006 | | | <.007 | <.004 | <.02 | <.008 | <.04 | 96.4 | | <.007 |
| | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 95.5 | <.5 | <.007 |
| | | | | | <.007 | | <.02 | <.008 | <.04 | | | .090 |
| 391133119461701 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 91.2 | <.5 | <.007 |
| 393720119432701 | <.5 |
<.006 |
<.5 |
<.5 |
<.007 | <.004 | <.02 | <.008 | <.04 |
88.5 |
<.5 | .014 |
| 393738119403001 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 92.8 | <.5 | <.007 |
| | | | | | | | | | | | | |
| 393800119403601 | <.5 | <.006 | < . 5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 93.0 | <.5 | <.007 |
| 393819119433301 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 92.0 | <.5 | <.007 |
| 393821119423601 | <.5 | <.006 | <.5 | <.5 | <.007 | <.004 | <.02 | <.008 | <.04 | 93.1 | <.5 | <.007 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Azin- | Azin- | aBarban, | | Ben- | | | Ben- | Benzo- | | heta- | heta- |
| | Azin-
phos-
methyl | Azin-
phos-
methyl, | ^a Barban,
surrog,
Sched. | Bendio- | Ben-
flur-
alin, | | Bensul- | Ben-
tazon, | Benzo-
[a]- | Benzo- | beta-
Sitos- | beta-
Stigma- |
| | phos-
methyl
oxon, | phos-
methyl,
water, | surrog,
Sched.
2060/ | carb, | flur-
alin,
water, | Benomyl | furon, | tazon,
water, | [a]-
pyrene, | phenone | Sitos-
terol, | Stigma-
stanol, |
| Granian analysis | phos-
methyl
oxon,
water, | phos-
methyl,
water,
fltrd | surrog,
Sched.
2060/
9060, | carb,
water, | flur-
alin,
water,
fltrd | water, | furon,
water, | tazon,
water,
fltrd | [a]-
pyrene,
water, | phenone water, | Sitos-
terol,
water, | Stigma-
stanol,
water, |
| Station number | phos-
methyl
oxon,
water,
fltrd, | phos-
methyl,
water,
fltrd
0.7u GF | surrog,
Sched.
2060/
9060,
wat flt | carb,
water,
fltrd, | flur-
alin,
water,
fltrd
0.7u GF | water,
fltrd, | furon,
water,
fltrd, | tazon,
water,
fltrd
0.7u GF | [a]-
pyrene,
water,
fltrd, | phenone
water,
fltrd, | Sitos-
terol,
water,
fltrd, | Stigma-
stanol,
water,
fltrd, |
| Station number | phos-
methyl
oxon,
water, | phos-
methyl,
water,
fltrd | surrog,
Sched.
2060/
9060, | carb,
water, | flur-
alin,
water,
fltrd | water, | furon,
water, | tazon,
water,
fltrd | [a]-
pyrene,
water, | phenone water, | Sitos-
terol,
water, | Stigma-
stanol,
water, |
| | phos-
methyl
oxon,
water,
fltrd,
ug/L
(61635) | phos-
methyl,
water,
fltrd
0.7u GF
ug/L
(82686) | surrog,
Sched.
2060/
9060,
wat flt
pct rcv
(90640) | carb,
water,
fltrd,
ug/L
(50299) | flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82673) | water,
fltrd,
ug/L
(50300) | furon,
water,
fltrd,
ug/L
(61693) | tazon,
water,
fltrd
0.7u GF
ug/L
(38711) | [a]-
pyrene,
water,
fltrd,
ug/L
(34248) | phenone
water,
fltrd,
ug/L
(62067) | Sitos-
terol,
water,
fltrd,
ug/L
(62068) | Stigma-
stanol,
water,
fltrd,
ug/L
(62086) |
| Station number
390720119442501 | phos-
methyl
oxon,
water,
fltrd,
ug/L | phos-
methyl,
water,
fltrd
0.7u GF
ug/L
(82686)
<.050 | surrog,
Sched.
2060/
9060,
wat flt
pct rcv | carb,
water,
fltrd,
ug/L
(50299) | flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82673)
<.010 | water,
fltrd,
ug/L | furon,
water,
fltrd,
ug/L
(61693) | tazon,
water,
fltrd
0.7u GF
ug/L
(38711) | [a]-
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water,
fltrd,
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water,
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(62067) | Sitos-
terol,
water,
fltrd,
ug/L
(62068) | Stigma-
stanol,
water,
fltrd,
ug/L |
| | phos-
methyl
oxon,
water,
fltrd,
ug/L
(61635) | phos-
methyl,
water,
fltrd
0.7u GF
ug/L
(82686) | surrog,
Sched.
2060/
9060,
wat flt
pct rcv
(90640) | carb,
water,
fltrd,
ug/L
(50299) | flur-
alin,
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ug/L
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(50300)
<.004 | furon,
water,
fltrd,
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(61693) | tazon,
water,
fltrd
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(38711) | [a]-
pyrene,
water,
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ug/L
(34248) | phenone
water,
fltrd,
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(62067) | Sitos-
terol,
water,
fltrd,
ug/L
(62068) | Stigma-
stanol,
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fltrd,
ug/L
(62086) |
| 390720119442501 | phos-methyl oxon, water, fltrd, ug/L (61635) < .02 < .02 < .02 < .02 | phos-
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fltrd
0.7u GF
ug/L
(82686)

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Sched.
2060/
9060,
wat flt
pct rcv
(90640)
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91.8 | carb,
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fltrd,
ug/L
(50299)
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<.03 | flur-
alin,
water,
fltrd
0.7u GF
ug/L
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<.004 | furon,
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| 390720119442501
390732119455601 | phos-
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<.050 | surrog,
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2060/
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91.8 | carb,
water,
fltrd,
ug/L
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<.03 | flur-
alin,
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ug/L
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fltrd,
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<.004 | furon,
water,
fltrd,
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ug/L
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(62086) |
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390732119455601
390809119454401
390941119424601 | phos-methyl oxon, water, fltrd, ug/L (61635) | phos-methyl,
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ug/L
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98.6 | carb, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 | flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 | water,
fltrd,
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(90640)
110
 | carb, water, water, fltrd, ug/L (50299) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | flur- alin, water, fltrd 0.7u GF ug/L (82673) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 | water, fltrd, ug/L (50300) <.004 | furon, water, fltrd, ug/L (61693) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | tazon, water, fltrd 0.7u GF ug/L (38711) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | [a]- pyrene, water, filtrd, ug/L (34248) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | phenone water, fltrd, ug/L (62067) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | Sitos- terol, water, filtrd, ug/L (62068) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Stigma- stanol, water, fltrd, ug/L (62086) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 |

| Station number | Bisphe-
nol A,
water,
fltrd,
ug/L
(62069) | aBisphen
ol A-d3
sur Sch
2033 &
8033,
wat flt
pct rcv
(99583) | Broma-
cil,
water,
fltrd,
ug/L
(04029) | Brom-
oxynil,
water,
fltrd
0.7u GF
ug/L
(49311) | Caf-
feine,
water,
fltrd,
ug/L
(50305) | aCaf-
feine-
13C,
surrog,
wat flt
percent
recovry
(99959) | aCaffe-
ine-13C
sur Sch
2033 &
8033,
wat flt
pct rcv
(99584) | Camphor
water,
fltrd,
ug/L
(62070) | Car-
baryl,
water,
fltrd
0.7u GF
ug/L
(49310) | Car-
baryl,
water,
fltrd
0.7u GF
ug/L
(82680) | Carba-
zole,
water,
fltrd,
ug/L
(62071) | Carbo-
furan,
water,
fltrd
0.7u GF
ug/L
(49309) |
|---|---|--|--|--|--|---|---|---|---|--|--|--|
| 390720119442501 | <1 | 49.5 | <.03 | <.02 | М | 116 | 86.1 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 390732119455601 | <1 | 15.3 |
<.03 | <.02 | <.5 |
E126 | 90.3 |
<.5 | <.03 | <.041 |
<.5 | <.006 |
| 390809119454401 | <1 | 45.5 | < . 03 | <.02 | <.5 | E155 | 84.8 | <.5 | <.03 | <.041 | <.5 | <.006 |
| | <1 | 44.3 | <.03 | <.02 | <.5 | E154 | 90.7 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 390941119424601 | <1 | 18.6 | <.5 | | <.5 | | 87.4 | <.5 | | <1 | <.5 | |
| | <1 | 30.0 | < .03 | <.02 | <.5 | 99.6 | 82.9 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 390950119452901 | <1 | 49.7 | < . 03 | <.02 | <.5 | 106 | 81.0 | <.5
<.5 | <.03 | <.041 | <.5
<.5 | <.006 |
| 391031119462301 | <1
<1 | 69.8
44.8 | <.5
<.03 | <.02 | M
<.5 | 104 | 91.4
74.2 | <.5 | <.03 | <1
<.041 | <.5 | <.006 |
| | | | | | | | | | | | | |
| 391035119471501 | <1 | 57.4
 | < . 03 | <.02 | <.5 | 103 | 90.7 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 391058119424602 | <1 | 50.3 | < .03 | <.02 | <.5 | 106 | 77.3 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 391113119471501 | | | <.03 | <.02 | .012 | E152 | | | <.03 | <.041 | | <.006 |
| | <1 | 4.3 | <.03 | <.02 | <.5 | E135 | 79.5 | <.5 | <.03 | <.041 | <.5 | <.006 |
| | | | <.03 | <.02 | <.010 | E141 | | | .09 | | | .094 |
| 391133119461701 | <1 | 15.4 | < .03 | <.02 | <.5 | 92.9
 | 86.2 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 393720119432701 | <1 | 20.0 | < .03 | <.02 | <.5 | 104 | 94.7 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 393738119403001 | <1 | 7.7 | <.03 | <.02 | <.5 | 107 | 95.7 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 393800119403601 | <1 | 17.5 | < .03 | <.02 | <.5 | 111 | 99.2 | <.5 | <.03 | <.041 | <.5 | <.006 |
| 393819119433301 | <1 |
19.4 |
<.03 | <.02 | <.5 |
119 |
82.6 |
<.5 | <.03 | <.041 |
<.5 | <.006 |
| 393821119423601 | <1 | 10.1 | < . 03 | <.02 | <.5 | 90.5 | 88.4 | <.5 | <.03 | <.041 | <.5 | <.006 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Station number | Chlor-
amben
methyl
ester,
water,
fltrd,
ug/L
(61188) | Chlori-
muron,
water,
fltrd,
ug/L
(50306) | Chloro-
di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039) | Chloro-
thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306) | Chlor-
pyrifos
oxon,
water,
fltrd,
ug/L
(61636) | Chlor-
pyrifos
water,
fltrd,
ug/L
(38933) | Choles-
terol,
water,
fltrd,
ug/L
(62072) | cis-
Per-
methrin
water
fltrd
0.7u GF
ug/L
(82687) | Clopyr-
alid,
water,
fltrd
0.7u GF
ug/L
(49305) | Cot-
inine,
water,
fltrd,
ug/L
(62005) | Cyclo-
ate,
water,
fltrd,
ug/L
(04031) | Cyflu-
thrin,
water,
fltrd,
ug/L
(61585) |
| Station number
390720119442501 | amben
methyl
ester,
water,
fltrd,
ug/L
(61188) | muron,
water,
fltrd,
ug/L
(50306) | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039) | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636) | pyrifos
water,
fltrd,
ug/L
(38933) | terol,
water,
fltrd,
ug/L
(62072) | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305) | inine,
water,
fltrd,
ug/L
(62005) | ate,
water,
fltrd,
ug/L
(04031) | thrin,
water,
fltrd,
ug/L
(61585) |
| 390720119442501 | amben
methyl
ester,
water,
fltrd,
ug/L
(61188) | muron,
water,
fltrd,
ug/L
(50306)
<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039) | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306) | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005 | terol,
water,
fltrd,
ug/L
(62072) | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01 | inine,
water,
fltrd,
ug/L
(62005) | ate,
water,
fltrd,
ug/L
(04031) | thrin,
water,
fltrd,
ug/L
(61585)
<.008 |
| | amben
methyl
ester,
water,
fltrd,
ug/L
(61188) | muron,
water,
fltrd,
ug/L
(50306) | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039) | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636) | pyrifos
water,
fltrd,
ug/L
(38933) | terol,
water,
fltrd,
ug/L
(62072) | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305) | inine,
water,
fltrd,
ug/L
(62005) | ate,
water,
fltrd,
ug/L
(04031) | thrin,
water,
fltrd,
ug/L
(61585) |
| 390720119442501
390732119455601 | amben
methyl
ester,
water,
fltrd,
ug/L
(61188)
<.02

<.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039)
<.01 | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04

<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06

<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005 | terol,
water,
fltrd,
ug/L
(62072)
<2

<2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01 | inine,
water,
fltrd,
ug/L
(62005) | ate,
water,
fltrd,
ug/L
(04031)
<.01

<.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008 |
| 390720119442501
390732119455601
390809119454401 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010
<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039)
<.01

<.01
<.01 | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04

<.04
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06

<.06
<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005
<.005
<.005 | terol,
water,
fltrd,
ug/L
(62072)
<2

<2
<2
<2
<2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01

<.01
<.01 | inine,
water,
fltrd,
ug/L
(62005)
<1

<1
<1 | ate,
water,
fltrd,
ug/L
(04031)
<.01

<.01
<.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008 |
| 390720119442501
390732119455601 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010
<.010
<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039)
<.01

<.01
<.01
<.01 | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04

<.04
<.04
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06

<.06
<.06
<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005
<.005 | terol,
water,
fltrd,
ug/L
(62072)
<2

<2
<2
<2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01

<.01
<.01
<.01 | inine,
water,
fltrd,
ug/L
(62005)
<1

<1
<1
<1 | ate,
water,
fltrd,
ug/L
(04031)
<.01

<.01
<.01
<.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008
<.008 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010
<.010

<.010
<.010 | di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04

<.04
<.04
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06

<.06
<.06
<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005
<.005
<.005
<.005
<.005
<.005 | terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01

<.01
<.01
<.01
<.01
<.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate,
water,
fltrd,
ug/L
(04031)
<.01

<.01
<.01
<.01

<.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008
<.008 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010
<.010

<.010
<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039)
<.01
<.01
<.01
<.01
<.01 | thalo- nil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 | pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005
<.005
<.005
<.005
<.5
<.005
<.005
<.5 | terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 M | Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 | alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008
<.008 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010

<.010
<.010

<.010
<.010 | di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thalo-
nil,
water,
fltrd
0.7u GF
ug/L
(49306)
<.04

<.04
<.04
<.04 | pyrifos
oxon,
water,
fltrd,
ug/L
(61636)
<.06

<.06
<.06
<.06 | pyrifos
water,
fltrd,
ug/L
(38933)
<.005

<.005
<.005
<.005
<.005
<.005
<.005 | terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 | alid,
water,
fltrd
0.7u GF
ug/L
(49305)
<.01

<.01
<.01
<.01
<.01
<.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate,
water,
fltrd,
ug/L
(04031)
<.01

<.01
<.01
<.01

<.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008
<.008 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | amben methyl ester, water, fltrd, ug/L (61188) < < < < < < < | muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 | di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | pyrifos water, fltrd, ug/L (38933) < .005 | terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Per- methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thrin,
water,
fltrd,
ug/L
(61585)
<.008

<.008
<.008

<.008
<.008
<.008 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | muron,
water,
fltrd,
ug/L
(50306)
<.010
<.010
<.010
<.010
<.010
<.010
<.010 | di-
amino-
s-tri-
azine,
wat flt
ug/L
(04039)
<.01

<.01
<.01
<.01
<.01
<.01

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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391133119461701 393720119432701 | amben methyl ester, water, fltrd, ug/L (61188) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 | di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 | terol, water, fltrd, ug/L (62072) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | Per- methrin water filtrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 |
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | amben methyl ester, water, fltrd, ug/L (61188) | muron, water, fltrd, ug/L (50306) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 | di- amino- s-tri- azine, wat flt ug/L (04039) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thalonil, water, fltrd 0.7u GF ug/L (49306) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | pyrifos oxon, water, fltrd, ug/L (61636) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | pyrifos water, fltrd, ug/L (38933) <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 <.005 | terol, water, fltrd, ug/L (62072) <2 | Per-methrin water fltrd 0.7u GF ug/L (82687) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | alid, water, fltrd 0.7u GF ug/L (49305) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | inine, water, fltrd, ug/L (62005) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | ate, water, fltrd, ug/L (04031) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | thrin, water, fltrd, ug/L (61585) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Cyper-
methrin
water,
fltrd,
ug/L
(61586) | Dacthal
mono-
acid,
water,
fltrd
0.7u GF
ug/L
(49304) | DCPA,
water
fltrd
0.7u GF
ug/L
(82682) | aDecaF-
biphenl
sur Sch
2033 &
8033,
wat flt
pct rev
(99585) | DEET,
water,
fltrd,
ug/L
(62082) | Desulf-
inyl
fipro-
nil,
water,
fltrd,
ug/L
(62170) | Diazi-
non,
water,
fltrd,
ug/L
(39572) | aDiazi-
non-d10
surrog,
Sch2003
wat flt
percent
recovry
(99994) | Dicamba
water
fltrd
0.7u GF
ug/L
(38442) | Di-
chlor-
prop,
water,
fltrd
0.7u GF
ug/L
(49302) | Dicro-
tophos,
water
fltrd,
ug/L
(38454) | Diel-
drin,
water,
fltrd,
ug/L
(39381) |
|---|---|--|---|--|---|--|---|---|---|---|--|---|
| 390720119442501 | <.009 | <.01 | <.003 | 60.0 | <.5 | <.004 | <.005 | 89.5 | <.01 | <.01 | <.08 | <.005 |
| 390732119455601 | <.009 | <.01 | <.003 | 60.5 | <.5 | <.004 | <.005 | 92.7 | <.01 | <.01 | <.08 | <.005 |
| 390809119454401 | <.009 | <.01 | <.003 | 53.5 | <.5 | <.004 | <.005 | 82.1 | <.01 | <.01 | <.08 | <.005 |
| | <.009 | <.01 | <.003 | 59.0 | <.5 | <.004 | <.005 | 80.8 | <.01 | <.01 | <.08 | <.005 |
| 390941119424601 | | | | 48.8 | .8 | | <.5 | | | | | |
| | <.009 | <.01 | <.003 | 51.4 | <.5 | <.004 | <.005 | 77.3 | <.01 | <.01 | <.08 | <.005 |
| 390950119452901 | <.009 | <.01 | <.003 | 53.6 | <.5 | <.004 | <.005 | 107 | <.01 | <.01 | <.08 | <.005 |
| 391031119462301 | <.009 | <.01 | <.003 | 58.0
49.9 | 1.1 | <.004 | <.5
<.005 |
78.6 | <.01 | <.01 | <.08 | <.005 |
| | 1.005 | V.01 | 1.005 | 43.5 | 1.5 | 1.001 | 1.003 | 70.0 | 1.01 | 1.01 | 1.00 | 1.005 |
| 391035119471501 | <.009 | <.01 | <.003 | 58.8 | <.5 | <.004 | <.005 | 15.1 | <.01 | <.01 | <.08 | <.005 |
| 391058119424602 | <.009 | <.01 | <.003 | 58.0 | <.5 | <.004 | <.005 | 77.7 | <.01 | <.01 | <.08 | <.005 |
| 391113119471501 | <.009 | <.01 | <.003 | | | <.004 | <.005 | 102 | <.01 | <.01 | <.08 | <.005 |
| | <.009 | <.01 | <.003 | 56.1 | <.5 | <.004 | <.005 | 85.5 | <.01 | <.01 | <.08 | <.005 |
| | | <.01 | | | | | | | <.01 | <.01 | | |
| 391133119461701 | <.009 | <.01 | <.003 | 55.6 | <.5 | <.004 | <.005 | 95.6 | <.01 | <.01 | <.08 | <.005 |
| 202000110420001 | | | | | | | | | | | | |
| 393720119432701
393738119403001 | <.009
<.009 | <.01
<.01 | <.003
<.003 | 64.7
61.9 | <.5
<.5 | <.004
<.004 | <.005
<.005 | 81.2
89.2 | <.01
<.01 | <.01
<.01 | <.08
<.08 | <.005
<.005 |
| | | | | | | | | | | | | |
| 393800119403601 | <.009 | <.01 | <.003 | 60.9 | <.5 | <.004 | <.005 | 87.3 | <.01 | <.01 | <.08 | <.005 |
| 393819119433301 | <.009 | <.01 | <.003 | 64.5 | <.5 | <.004 | <.005 | 84.5 | <.01 | <.01 | <.08 | <.005 |
| 393821119423601 | <.009 | <.01 | <.003 | 60.4 | <.5 | <.004 | <.005 | 87.9 | <.01 | <.01 | <.08 | <.005 |
| | | | | | | | | | | | | |
| Station number | Di-
ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | Di-
ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | Dimeth-
oate,
water,
fltrd
0.7u GF
ug/L
(82662) | Dinoseb
water,
fltrd
0.7u GF
ug/L
(49301) | Diphen-
amid,
water,
fltrd,
ug/L
(04033) | Diuron,
water,
fltrd
0.7u GF
ug/L
(49300) | D-Limo-
nene,
water,
fltrd,
ug/L
(62073) | Ethion
monoxon
water,
fltrd,
ug/L
(61644) | Ethion,
water,
fltrd,
ug/L
(82346) | Ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61706) | Fenami-
phos
sulfone
water,
fltrd,
ug/L
(61645) | Fenami-
phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646) |
| Station number | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L | oate,
water,
fltrd
0.7u GF
ug/L | water,
fltrd
0.7u GF
ug/L | amid,
water,
fltrd,
ug/L | water,
fltrd
0.7u GF
ug/L | nene,
water,
fltrd,
ug/L | monoxon
water,
fltrd,
ug/L | water,
fltrd,
ug/L | octyl-
phenol,
water,
fltrd
ug/L | phos
sulfone
water,
fltrd,
ug/L | phos
sulf-
oxide,
water,
fltrd,
ug/L |
| 390720119442501 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01 | amid,
water,
fltrd,
ug/L
(04033) | water,
fltrd
0.7u GF
ug/L
(49300)
<.01 | nene,
water,
fltrd,
ug/L
(62073) | monoxon
water,
fltrd,
ug/L
(61644)
<.03 | water,
fltrd,
ug/L
(82346)
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706) | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646) |
| 390720119442501
390732119455601 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01 | nene,
water,
fltrd,
ug/L
(62073)
<.5

<.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706) | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646) |
| 390720119442501 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01 | amid,
water,
fltrd,
ug/L
(04033) | water,
fltrd
0.7u GF
ug/L
(49300)
<.01 | nene,
water,
fltrd,
ug/L
(62073) | monoxon
water,
fltrd,
ug/L
(61644)
<.03 | water,
fltrd,
ug/L
(82346)
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706) | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646) |
| 390720119442501
390732119455601
390809119454401 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006

<.006
<.006
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01
<.01
<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03
<.03
<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01
<.01 | nene,
water,
fltrd,
ug/L
(62073)
<.5

<.5
<.5
<.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706) | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008

<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03 |
| 390720119442501
390732119455601 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083)
<5

<5
<5
<5 | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705)
<1

<1
<1
<1 | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006

<.006
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01
<.01
<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03
<.03
<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706)
<1

<1
<1
<1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008

<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083) | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705) | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006

<.006
<.006
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01
<.01
<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03
<.03
<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01
<.01 | nene,
water,
fltrd,
ug/L
(62073)
<.5

<.5
<.5
<.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706) | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008

<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | ethoxy-
nonyl-
phenol,
water,
fltrd,
ug/L
(62083)
<5

<5
<5
<5
<5 | ethoxy-
octyl-
phenol,
water,
fltrd
ug/L
(61705)
<1

<1
<1
<1
<1
<1 | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006

<.006
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01
<.01
<.01

<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03
<.03
<.03

<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004 | octyl-
phenol,
water,
fltrd
ug/L
(61706)
<1

<1
<1
<1
<1
<1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008

<.008
<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | ethoxy-nonyl-phenol, water, fltrd, ug/L (62083) <pre></pre> | ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 | oate,
water,
fltrd
0.7u GF
ug/L
(82662)
<.006
<.006
<.006 | water,
fltrd
0.7u GF
ug/L
(49301)
<.01

<.01
<.01

<.01
<.01
<.01 | amid,
water,
fltrd,
ug/L
(04033)
<.03

<.03
<.03
<.03
<.03
<.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004

<.004
<.004 | octyl-phenol, water, filtrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008
<.008
<.008

<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | ethoxy-nonyl-phenol, water, fltrd, ug/L (62083) <5 <5 <5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 | ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | water, fltrd 0.7u GF ug/L (49301) < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 | amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01

<.01
<.01
<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004

<.004
<.004 | octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008
<.008
<.008

<.008
<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | ethoxy-nonyl-phenol, water, fltrd, ug/L (62083) <5 <5 <5 <5 <<5 <<5 <<5 <<5 <<5 <<5 < | ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01

<.01
<.01

<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004
<.004

<.004

<.004 | octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008

<.008
<.008
<.008
<.008
<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | ethoxy-nonyl-phenol, water, fltrd, ug/L (62083) <5 <5 <5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 <-5 | ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | oate, water, fltrd 0.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | water, fltrd 0.7u GF ug/L (49301) < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 < .01 | amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd
0.7u GF
ug/L
(49300)
<.01

<.01
<.01

<.01
<.01
<.01
<.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water,
fltrd,
ug/L
(82346)
<.004

<.004
<.004

<.004
<.004 | octyl-phenol, water, fltrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | phos
sulfone
water,
fltrd,
ug/L
(61645)
<.008
<.008
<.008

<.008
<.008
<.008 | phos
sulf-
oxide,
water,
fltrd,
ug/L
(61646)
<.03

<.03
<.03
<.03
<.03
<.03 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | ethoxy-nonyl-phenol, water, fltrd, ug/L (62083) <5 <5 <5 <5 <-5 <-5 <-5 <-5 <-5 <-5 < | ethoxy- octyl- phenol, water, fltrd ug/L (61705) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | oate, water, fltrd o.7u GF ug/L (82662) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | water, fltrd 0.7u GF ug/L (49301) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | amid, water, fltrd, ug/L (04033) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water, fltrd 0.7u GF ug/L (49300) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | nene, water, fltrd, ug/L (62073) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | monoxon water, fltrd, ug/L (61644) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | water, fltrd, ug/L (82346) <.004 | octyl-phenol, water, filtrd ug/L (61706) <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 | phos
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fltrd,
ug/L
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| Station number | Fenami-
phos,
water,
fltrd,
ug/L
(61591) | Fenuron
water,
fltrd
0.7u GF
ug/L
(49297) | Desulf-
inyl-
fipro-
nil
amide,
wat flt
ug/L
(62169) | Fipro-
nil
sulfide
water,
fltrd,
ug/L
(62167) | Fipro-
nil
sulfone
water,
fltrd,
ug/L
(62168) | Fipro-
nil,
water,
fltrd,
ug/L
(62166) | Flumet-
sulam,
water,
fltrd,
ug/L
(61694) | Fluo- meturon water fltrd 0.7u GF ug/L (38811) | Fluor-
anthene
water,
fltrd,
ug/L
(34377) | aFluor-
anthene
-d10,
sur Sch
20/8033
wat flt
pct rcv
(99586) | Fonofos
oxon,
water,
fltrd,
ug/L
(61649) | Fonofos
water,
fltrd,
ug/L
(04095) |
|---|---|---|--|---|--|---|---|--|---|---|---|--|
| 390720119442501 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 80.2 | <.002 | <.003 |
| 390732119455601 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 79.8 | <.002 | <.003 |
| 390809119454401 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 80.0 | <.002 | <.003 |
| | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 82.8 | <.002 | <.003 |
| 390941119424601 | | | | | | | | | <.5 | 71.7 | | |
| | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 70.0 | <.002 | <.003 |
| 390950119452901 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 73.9 | <.002 | <.003 |
| 391031119462301 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5
<.5 | 67.9
66.0 | <.002 | <.003 |
| | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.U1 | <.03 | <.5 | 66.0 | <.002 | <.003 |
| 391035119471501 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 74.8 | <.002 | <.003 |
| 391058119424602 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 70.2 | <.002 | <.003 |
| 391113119471501 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | | | <.002 | <.003 |
| | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 75.3 | <.002 | <.003 |
| | | <.03 | | | | | <.01 | <.03 | | | | |
| 391133119461701 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 80.3 | <.002 | <.003 |
| | | | | | | | | | | | | |
| 393720119432701
393738119403001 | <.03
<.03 | <.03
<.03 | <.009
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<.007 | <.01
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<.03 | <.5
<.5 | 74.6
77.7 | <.002
<.002 | <.003 |
| 3,3,30113103001 | 1.05 | 1.05 | 1.005 | 1.005 | 1.005 | 1.007 | 1.01 | 1.05 | 1.5 | | 1.002 | 1.005 |
| 393800119403601 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 80.9 | <.002 | <.003 |
| 393819119433301 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 66.6 | <.002 | <.003 |
| 393821119423601 | <.03 | <.03 | <.009 | <.005 | <.005 | <.007 | <.01 | <.03 | <.5 | 75.8 | <.002 | <.003 |
| | | | | | | | | a _{T a a} | | | | |
| Station number | HHCB,
water,
fltrd,
ug/L
(62075) | Imaza-
quin,
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ug/L
(50356) | Imaze-
thapyr,
water,
fltrd,
ug/L
(50407) | Imida-
cloprid
water,
fltrd,
ug/L
(61695) | Indole,
water,
fltrd,
ug/L
(62076) | Ipro-
dione,
water,
fltrd,
ug/L
(61593) | Isobor-
neol,
water,
fltrd,
ug/L
(62077) | aIso-
butyl
alcohol
-d6,
surrog,
wat unf
pct rcv
(62835) | Isofen-
phos,
water,
fltrd,
ug/L
(61594) | Iso-
phorone
water,
fltrd,
ug/L
(34409) | Iso-
propyl-
benzene
water,
fltrd,
ug/L
(62078) | Iso-
quin-
oline,
water,
fltrd,
ug/L
(62079) |
| Station number
390720119442501 | water,
fltrd,
ug/L
(62075) | quin,
water,
fltrd,
ug/L
(50356) | thapyr,
water,
fltrd,
ug/L
(50407) | cloprid
water,
fltrd,
ug/L
(61695) | water,
fltrd,
ug/L
(62076) | dione,
water,
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ug/L
(61593) | neol,
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ug/L
(62077) | butyl
alcohol
-d6,
surrog,
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pct rcv
(62835) | phos,
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ug/L
(34409) | propyl-
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(50407) | cloprid
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<.5 | propyl-
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390732119455601 | water,
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fltrd,
ug/L
(50356)
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(50407)
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<.02 | cloprid
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fltrd,
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ug/L
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fltrd,
ug/L
(61593)
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<1 | neol,
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fltrd,
ug/L
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<.5 | butyl
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surrog,
wat unf
pet rev
(62835)
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96.3 | phos,
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ug/L
(61594)
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<.003 | phorone
water,
fltrd,
ug/L
(34409)
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<.5 | propyl-
benzene
water,
fltrd,
ug/L
(62078)
<.5

<.5 | quin-
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| 390720119442501
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ug/L
(61695)
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ug/L
(62076)
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<.5 | dione,
water,
fltrd,
ug/L
(61593)
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<1 | neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 | butyl
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-d6,
surrog,
wat unf
pct rcv
(62835)
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96.3
97.0 | phos,
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fltrd,
ug/L
(61594)
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<.003 | phorone
water,
fltrd,
ug/L
(34409)
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<.5 | propyl-
benzene
water,
fltrd,
ug/L
(62078)
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<.5 | quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 |
| 390720119442501
390732119455601 | water,
fltrd,
ug/L
(62075)
<.5

<.5
<.5 | quin,
water,
fltrd,
ug/L
(50356)
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<.02 | thapyr,
water,
fltrd,
ug/L
(50407)
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ug/L
(61695)
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fltrd,
ug/L
(62076)
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ug/L
(61593)
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fltrd,
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(62077)
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alcohol
-d6,
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pct rcv
(62835)
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ug/L
(61594)
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benzene
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fltrd,
ug/L
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390809119454401 | water, fltrd, ug/L (62075) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin,
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alcohol
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391720119432701 393738119403001 | water, fltrd, ug/L (62075) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 | water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <-1 <-1 <-1 <-1 <-1 <-1 < | neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | butyl alcohol | phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 | phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391133119461701 393720119432701 | water, fltrd, ug/L (62075) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.00 <.02 <.00 <.00 <.00 <.00 <.00 <.00 | thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 | water, fltrd, ug/l, (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | dione, water, fltrd, ug/L (61593) <1 | neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | butyl alcohol | phos,
water,
fltrd,
ug/L
(61594)
<.003
<.003
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<.003 | phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391720119432701 393738119403001 | water, fltrd, ug/L (62075) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 | water, fltrd, ug/L (62076) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | dione, water, fltrd, ug/L (61593) <1 <1 <1 <1 <-1 <-1 <-1 <-1 <-1 <-1 < | neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | butyl alcohol | phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 | phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin- oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | water, fltrd, ug/L (62075) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin, water, fltrd, ug/L (50356) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | thapyr, water, fltrd, ug/L (50407) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | cloprid water, fltrd, ug/L (61695) <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 <.007 | water, fltrd, fltrd, waterless of the control of th | dione, water, fltrd, ug/L (61593) <1 | neol, water, fltrd, ug/L (62077) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | butyl alcohol | phos, water, fltrd, ug/L (61594) <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 <.003 | phorone water, fltrd, ug/L (34409) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | propyl-benzene water, fltrd, ug/L (62078) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | quin-oline, water, fltrd, ug/L (62079) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Linuron
water
fltrd
0.7u GF
ug/L
(38478) | Mala-
oxon,
water,
fltrd,
ug/L
(61652) | Mala-
thion,
water,
fltrd,
ug/L
(39532) | MCPA,
water,
fltrd
0.7u GF
ug/L
(38482) | MCPB,
water,
fltrd
0.7u GF
ug/L
(38487) | Menthol
water,
fltrd,
ug/L
(62080) | Meta-
laxyl,
water,
fltrd,
ug/L
(50359) | Meta-
laxyl,
water,
fltrd,
ug/L
(61596) | Methi-
althion
water,
fltrd,
ug/L
(61598) | Methio-
carb,
water,
fltrd
0.7u GF
ug/L
(38501) | Meth-
omyl,
water,
fltrd
0.7u GF
ug/L
(49296) | Methyl
acetate
water
unfltrd
ug/L
(77032) |
|--|--|--|---|--|--|--|---|---|---|---|--|---|
| 390720119442501 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4 |
| 390732119455601 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4 |
| 390809119454401 | <.01
<.01 | <.008 | <.027
<.027 | <.02
<.02 | <.01
<.01 | <.5
<.5 | <.02
<.02 | <.005 | <.006
<.006 | <.008
<.008 | <.004
<.004 | <.4 |
| | | | | | | | | | | | | |
| 390941119424601 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5
<.5 | <.5
<.02 | <.005 | <.006 | <.008 | <.004 | <.4
<.4 |
| 390950119452901 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | < .004 | <.4 |
| 391031119462301 |
<.01 | <.008 | <.027 | <.02 | <.01 | <.5
<.5 | <.5
<.02 | <.005 | <.006 | <.008 | <.004 | <.4
<.4 |
| | | | | | | | | | | | | |
| 391035119471501 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4 |
| 391058119424602 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | < .004 | <.4 |
| 391113119471501 | <.01
<.01 | <.008
<.008 | <.027
<.027 | <.02
<.02 | <.01
<.01 |
<.5 | <.02
<.02 | <.005
<.005 | <.006
<.006 | <.008
<.008 | <.004
<.004 | <.4 |
| | | | | | | | | | | | | |
| 391133119461701 | .09
<.01 | <.008 | <.027 | <.02
<.02 | <.01
<.01 |
<.5 | .09
<.02 | <.005 | <.006 | <.008
<.008 | <.004
<.004 | <.4 |
| 391133119401701 | | | | | | | | | | | | |
| 393720119432701 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | < .004 | <.4 |
| 393738119403001 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4 |
| 393800119403601 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4
4.6 |
| 393819119433301 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | < .004 | <.4 |
| 393821119423601 | <.01 | <.008 | <.027 | <.02 | <.01 | <.5 | <.02 | <.005 | <.006 | <.008 | <.004 | <.4 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Station number | Methyl
para-
oxon,
water,
fltrd,
ug/L
(61664) | Methyl
para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667) | Methyl
salicy-
late,
water,
fltrd,
ug/L
(62081) | Metola-
chlor,
water,
fltrd,
ug/L
(39415) | Metri-
buzin,
water,
fltrd,
ug/L
(82630) | Metsul-
furon,
water,
fltrd,
ug/L
(61697) | Myclo-
butanil
water,
fltrd,
ug/L
(61599) | N-(4-
Chloro-
phenyl)
-N'-
methyl-
urea,
ug/L
(61692) | Naphth-
alene,
water,
fltrd,
ug/L
(34443) | Neburon
water,
fltrd
0.7u GF
ug/L
(49294) | Nico-
sul-
furon,
water,
fltrd,
ug/L
(50364) | Norflur
azon,
water,
fltrd
0.7u GF
ug/L
(49293) |
| Station number
390720119442501 | para-
oxon,
water,
fltrd,
ug/L
(61664) | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667) | salicy-
late,
water,
fltrd,
ug/L
(62081) | chlor,
water,
fltrd,
ug/L
(39415) | buzin,
water,
fltrd,
ug/L
(82630) | furon,
water,
fltrd,
ug/L
(61697) | butanil
water,
fltrd,
ug/L
(61599) | Chloro-
phenyl)
-N'-
methyl-
urea,
ug/L
(61692) | alene,
water,
fltrd,
ug/L
(34443) | water,
fltrd
0.7u GF
ug/L
(49294)
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364) | azon,
water,
fltrd
0.7u GF
ug/L
(49293) |
| 390720119442501 | para-
oxon,
water,
fltrd,
ug/L
(61664) | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081) | chlor,
water,
fltrd,
ug/L
(39415)
<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03 | butanil
water,
fltrd,
ug/L
(61599)
<.008 | Chloro-
phenyl) -N'- methyl- urea, ug/L (61692) <.02 | alene,
water,
fltrd,
ug/L
(34443)
<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01 | azon,
water,
fltrd
0.7u GF
ug/L
(49293)
<.02 |
| | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03

<.03
<.03 | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006

<.006
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081)
<.5

<.5
<.5 | chlor,
water,
fltrd,
ug/L
(39415)
<.013

<.013
<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006

<.006
<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03

E.02
<.03 | butanil
water,
fltrd,
ug/L
(61599)
<.008

<.008
<.008 | Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 | alene,
water,
fltrd,
ug/L
(34443)
<.5

<.5
<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01

<.01
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01

<.01
<.01 | azon,
water,
fltrd
0.7u GF
ug/L
(49293)
<.02

<.02
<.02 |
| 390720119442501
390732119455601 | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03 | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081) | chlor,
water,
fltrd,
ug/L
(39415)
<.013

<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006

<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03

E.02 | butanil
water,
fltrd,
ug/L
(61599)
<.008

<.008 | Chloro-
phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 | alene,
water,
fltrd,
ug/L
(34443)
<.5

<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01

<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01

<.01 | azon,
water,
fltrd
0.7u GF
ug/L
(49293)
<.02

<.02 |
| 390720119442501
390732119455601 | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03

<.03
<.03
<.03 | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006

<.006
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081)
<.5

<.5
<.5
<.5 | chlor,
water,
fltrd,
ug/L
(39415)
<.013

<.013
<.013
<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006

<.006
<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03

E.02
<.03
<.03 | butanil
water,
fltrd,
ug/L
(61599)
<.008

<.008
<.008 | Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 | alene,
water,
fltrd,
ug/L
(34443)
<.5

<.5
<.5
<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01

<.01
<.01
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01

<.01
<.01
<.01 | azon,
water,
fltrd
0.7u GF
ug/L
(49293)
<.02

<.02
<.02
<.02 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03

<.03
<.03
<.03 | para-
thion,
water,
filtrd
0.7u GF
ug/L
(82667)
<.006

<.006
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081)
<.5
<.5
<.5
<.5
<.5 | chlor,
water,
fltrd,
ug/L
(39415)
<.013

<.013
<.013
<.013
<.5
<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006

<.006
<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03

E.02
<.03
<.03 | butanil
water,
fltrd,
ug/L
(61599)
<.008

<.008
<.008 | Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 | alene,
water,
fltrd,
ug/L
(34443)
<.5

<.5
<.5
<.5
<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01

<.01
<.01
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01

<.01
<.01
<.01 | azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 |
| 390720119442501
390732119455601
390809119454401 | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03

<.03
<.03
<.03 | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006

<.006
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081)
<.5

<.5
<.5
<.5 | chlor,
water,
fltrd,
ug/L
(39415)
<.013

<.013
<.013
<.013 | buzin,
water,
fltrd,
ug/L
(82630)
<.006

<.006
<.006 | furon,
water,
fltrd,
ug/L
(61697)
<.03

E.02
<.03
<.03 | butanil
water,
fltrd,
ug/L
(61599)
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<.008 | Chloro- phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 | alene,
water,
fltrd,
ug/L
(34443)
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<.5
<.5 | water,
fltrd
0.7u GF
ug/L
(49294)
<.01

<.01
<.01
<.01 | sul-
furon,
water,
fltrd,
ug/L
(50364)
<.01

<.01
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<.01 | azon,
water,
fltrd
0.7u GF
ug/L
(49293)
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<.02
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| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | para-
oxon,
water,
fltrd,
ug/L
(61664)
<.03

<.03
<.03
<.03 | para-
thion,
water,
fltrd
0.7u GF
ug/L
(82667)
<.006

<.006
<.006
<.006 | salicy-
late,
water,
fltrd,
ug/L
(62081)
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<.5 | chlor,
water,
fltrd,
ug/L
(39415)
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| 390720119442501
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| 390720119442501
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| 390720119442501
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| 390720119442501
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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 39113119471501 391733119461701 393720119432701 393738119403001 | para- oxon, water, fltrd, ug/L (61664) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | salicy- late, water, fltrd, ug/L (62081) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.5 <.013 <.5 <.013 <.5 <.013 <.5 <.013 <.013 <.5 <.013 <.013 <.013 <.013 <.013 <.013 | buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | furon, water, fltrd, ug/L (61697) <.03 E.02 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 | Chloro-phenyl) -N'- methyl- urea, ug/L (61692) <.0202 <.02 <.0202 <.0202 <.0202 <.0202 <.0202 <.0202 <.0202 <.0202 <.0202 <.0202020202020202 - | alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, filtrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391035119471501 391058119424602 391113119471501 391133119461701 393720119432701 | para- oxon, water, fltrd, ug/L (61664) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | salicy-late, water, fltrd, ug/L (62081) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.5 <.013 <.013 <.5 <.013 <.013 <.5 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 | buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | furon, water, fltrd, ug/L (61697) <.03 E.02 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 | Chloro-phenyl) -N'- methyl- urea, ug/L (61692) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 | alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, filtrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 393819119433301 | para- oxon, water, fltrd, ug/L (61664) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | salicy- late, water, fltrd, ug/L (62081) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.5 <.013 <.013 <.5 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 | buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | furon, water, fltrd, ug/L (61697) <.03 E.02 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 | Chloro-phenyl) -N'- methyl- urea, ug/L (61692) <.0202 <.02 <.0202 <.0202 <.0202 <.0202 <.0202 <.020202 <.0202020202020202 - | alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391733119461701 393720119432701 393738119403001 393800119403601 | para- oxon, water, fltrd, ug/L (61664) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | para- thion, water, fltrd 0.7u GF ug/L (82667) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | salicy-late, water, fltrd, ug/L (62081) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | chlor, water, fltrd, ug/L (39415) <.013 <.013 <.013 <.013 <.5 <.013 <.013 <.5 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 <.013 | buzin, water, fltrd, ug/L (82630) <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 <.006 | furon, water, fltrd, ug/L (61697) <.03 E.02 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | butanil water, fltrd, ug/L (61599) <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 <.008 | Chloro-phenyl) -N'- methyl- urea, ug/L (61692) -02 -02 -02 -02 -02 -02 -02 -02 -02 -02 | alene, water, fltrd, ug/L (34443) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | water, fltrd 0.7u GF ug/L (49294) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | sul-furon, water, fltrd, ug/L (50364) <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 <.01 | azon, water, fltrd 0.7u GF ug/L (49293) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.02 |

| Station number | Ory-
zalin,
water,
fltrd
0.7u GF
ug/L
(49292) | Oxamyl,
water,
fltrd
0.7u GF
ug/L
(38866) | p-
Cresol,
water,
fltrd,
ug/L
(62084) | Pendi-
meth-
alin,
water,
fltrd
0.7u GF
ug/L
(82683) | Penta-
chloro-
phenol,
water,
fltrd,
ug/L
(34459) | Phenan-
threne,
water,
fltrd,
ug/L
(34462) | Phenol,
water,
fltrd,
ug/L
(34466) | Phorate
oxon,
water,
fltrd,
ug/L
(61666) | Phorate
water
fltrd
0.7u GF
ug/L
(82664) | Phosmet
oxon,
water,
fltrd,
ug/L
(61668) | Phosmet
water,
fltrd,
ug/L
(61601) | Pic-
loram,
water,
fltrd
0.7u GF
ug/L
(49291) |
|---|--|---|---|---|--|---|--|--|--|--|--|--|
| 390720119442501 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.3 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 390732119455601 | <.02 | <.01 | <1 | <.022 | <2 |
<.5 |
.7 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 390809119454401 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.2 | <.10 | <.011 | <.06 | <.008 | <.02 |
| | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.2 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 390941119424601 | | | <1 | | <2 | <.5 | E.3 | | | | | |
| 200050110450001 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.2 | <.10 | <.011 | < .06 | <.008 | <.02 |
| 390950119452901
391031119462301 | <.02 | <.01 | <1
<1 | <.022 | <2
<2 | <.5
<.5 | E.3
E.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 331031113101301 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | <.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 391035119471501 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | <.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| | | | | | | | | | | | | |
| 391058119424602 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | <.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 391113119471501 | <.02
<.02 | <.01
<.01 | <1 | <.022
<.022 | <2 | <.5 | E.4 | <.10
<.10 | <.011
<.011 | <.06
<.06 | <.008
<.008 | <.02
<.02 |
| | 1.02 | 1.01 | 7= | | 12 | 1.5 | | 1.10 | | 1.00 | 1.000 | |
| 201122110461701 | <.02 | <.01 | | | | | | | | | | <.02 |
| 391133119461701 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | <.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 393720119432701 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | <.5 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 393738119403001 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | 1.2 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 393800119403601 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | .6 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 393819119433301 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.4 | <.10 | <.011 | <.06 | <.008 | <.02 |
| 393821119423601 | <.02 | <.01 | <1 | <.022 | <2 | <.5 | E.3 | <.10 | <.011 | <.06 | <.008 | <.02 |
| | | | | | | | | | | | | |
| Station number | Prometon, water, fltrd, ug/L (04037) | Prome-
tryn,
water,
fltrd,
ug/L
(04036) | Pron-
amide,
water,
fltrd
0.7u GF
ug/L
(82676) | Propham
water
fltrd
0.7u GF
ug/L
(49236) | Propi-
cona-
zole,
water,
fltrd,
ug/L
(50471) | Pro-
poxur,
water,
fltrd
0.7u GF
ug/L
(38538) | Pyrene,
water,
fltrd,
ug/L
(34470) | Siduron
water,
fltrd,
ug/L
(38548) | Sima-
zine,
water,
fltrd,
ug/L
(04035) | Sulfo-
met-
ruron,
water,
fltrd,
ug/L
(50337) | Tebu-
thiuron
water
fltrd
0.7u GF
ug/L
(82670) | Terba-
cil,
water,
fltrd,
ug/L
(04032) |
| Station number
390720119442501 | ton,
water,
fltrd,
ug/L
(04037) | tryn,
water,
fltrd,
ug/L
(04036) | amide,
water,
fltrd
0.7u GF
ug/L
(82676)
<.004 | water
fltrd
0.7u GF
ug/L
(49236)
<.010 | cona-
zole,
water,
fltrd,
ug/L
(50471) | poxur,
water,
fltrd
0.7u GF
ug/L
(38538)
<.008 | water,
fltrd,
ug/L
(34470) | water,
fltrd,
ug/L
(38548)
<.02 | zine,
water,
fltrd,
ug/L
(04035) | met-
ruron,
water,
fltrd,
ug/L
(50337) | thiuron
water
fltrd
0.7u GF
ug/L
(82670)
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water,
fltrd,
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(04032) |
| | ton,
water,
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water,
fltrd,
ug/L
(04036) | amide,
water,
fltrd
0.7u GF
ug/L
(82676) | water
fltrd
0.7u GF
ug/L
(49236) | cona-
zole,
water,
fltrd,
ug/L
(50471) | poxur,
water,
fltrd
0.7u GF
ug/L
(38538) | water,
fltrd,
ug/L
(34470) | water,
fltrd,
ug/L
(38548) | zine,
water,
fltrd,
ug/L
(04035) | met-
ruron,
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water
fltrd
0.7u GF
ug/L
(82670) | cil,
water,
fltrd,
ug/L
(04032) |
| 390720119442501 | ton,
water,
fltrd,
ug/L
(04037)
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<.01
<.01 | tryn,
water,
fltrd,
ug/L
(04036)
<.005

<.005
<.005 | amide,
water,
fltrd
0.7u GF
ug/L
(82676)
<.004

<.004
<.004 | water
fltrd
0.7u GF
ug/L
(49236)
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<.010
<.010 | cona-
zole,
water,
fltrd,
ug/L
(50471)
<.02

<.02
<.02 | poxur,
water,
fltrd
0.7u GF
ug/L
(38538)
<.008

<.008
<.008 | water,
fltrd,
ug/L
(34470)
<.5

<.5
<.5 | water,
fltrd,
ug/L
(38548)
<.02

<.02
<.02 | zine,
water,
fltrd,
ug/L
(04035)
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.008
<.005 | met-
ruron,
water,
fltrd,
ug/L
(50337)
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| 390720119442501
390732119455601 | ton,
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fltrd,
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<.004 | water
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<.008 | water,
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NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Ter- | | | | | | | Tri- | | | | Tri- |
|--|--|---|--|--|--|---|---|---|---|---|--|---|
| | bufos | Terbu- | Ter- | tert- | tert- | Tetra- | Tri- | butyl | Tri- | | Tri- | flur- |
| | oxon | fos, | buthyl- | Amyl | Butyl- | chloro- | bromo- | phos- | clopyr, | Triclo- | ethyl | alin, |
| | sulfone | water, | azine, | alcohol | alcohol | ethene, | methane | phate, | water, | san, | citrate | water, |
| | water, | fltrd | water, | water | water | water, | water, | water, | fltrd | water, | water, | fltrd |
| Station number | fltrd, | 0.7u GF | fltrd, | unfltrd | unfltrd | fltrd, | fltrd, | fltrd, | 0.7u GF | fltrd, | fltrd, | 0.7u GF |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (61674) | (82675) | (04022) | (77073) | (77035) | (34476) | (34288) | (62089) | (49235) | (62090) | (62091) | (82661) |
| 390720119442501 | <.07 | <.02 | <.01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| 330720213112302 | | | | | | | | | | | | |
| 390732119455601 | <.07 | <.02 | < .01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| 390809119454401 | <.07 | <.02 | < .01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| | <.07 | <.02 | <.01 | | | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| | | | | | _ | _ | _ | _ | | | _ | |
| 390941119424601 | | | | <.43 | <1 | <.5 | <.5 | <.5 | | <1 | <.5 | |
| 390950119452901 | <.07
<.07 | <.02
<.02 | <.01
<.01 | <.43 | <1
<1 | <.5
<.5 | <.5
<.5 | <.5
<.5 | <.02
<.02 | <1
<1 | <.5
<.5 | <.009
<.009 |
| 391031119462301 | <.07 | <.02 | <.01 | <.43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| 391031119462301 | <.07 | <.02 | <.01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| | <.07 | 1.02 | V.01 | 1.45 | ~= | 1.5 | 1.5 | 1.5 | 1.02 | `- | 1.5 | 1.005 |
| 391035119471501 | <.07 | < .02 | < .01 | < .43 | <1 | E.3 | E.2 | <.5 | <.02 | <1 | <.5 | <.009 |
| | | | | | | | | | | | | |
| 391058119424602 | <.07 | <.02 | < .01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| 391113119471501 | <.07 | <.02 | <.01 | | | | | | <.02 | | | <.009 |
| | <.07 | <.02 | < .01 | < .43 | <1 | <.5 | E.1 | <.5 | <.02 | <1 | <.5 | <.009 |
| | | | | | | | | | | | | |
| | | | | | | | | | <.02 | | | |
| 391133119461701 | <.07 | <.02 | <.01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| 202000110420001 | | | | | | | | | | |
<.5 | |
| 393720119432701
393738119403001 | <.07
<.07 | <.02
<.02 | <.01
<.01 | < .4 | <1
<1 | <.5
<.5 | <.5
<.5 | <.5
<.5 | <.02
<.02 | <1
<1 | <.5
<.5 | <.009
<.009 |
| 333730113403001 | 2.07 | V.02 | V.01 | V.45 | < <u>1</u> | V.5 | <.5 | V.5 | V.02 | ~ 1 | V.5 | <.003 |
| 393800119403601 | <.07 | <.02 | <.01 | < .43 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| | | | | 25.4 | 22.2 | | | | | | | |
| 393819119433301 | <.07 | <.02 | < .01 | < .43 | <1 | <.5 | M | <.5 | <.02 | <1 | <.5 | <.009 |
| 393821119423601 | <.07 | <.02 | < .01 | < .4 | <1 | <.5 | <.5 | <.5 | <.02 | <1 | <.5 | <.009 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | m : | m : /o | (o | m : /1: | | | | | | | | |
| | Tri- | Tris(2- | Tris(2- | Tris(di | 1,1,1,2 | 1,1,1- | 1,1,2,2 | | 1,1,2- | 1 1 D: | 1.1.04 | 1 1 D: |
| | phenyl | butoxy- | chloro- | chloro- | -Tetra- | Tri- | -Tetra- | | Tri- | 1,1-Di- | 1,1-Di- | 1,1-Di- |
| | phenyl
phos- | butoxy-
ethyl) | chloro-
ethyl) | chloro-
i-Pr) | -Tetra-
chloro- | Tri-
chloro- | -Tetra-
chloro- | CEC_112 | Tri-
chloro- | chloro- | chloro- | chloro- |
| | phenyl
phos-
phate, | butoxy-
ethyl)
phos- | chloro-
ethyl)
phos- | chloro-
i-Pr)
phos- | -Tetra-
chloro-
ethane, | Tri-
chloro-
ethane, | -Tetra-
chloro-
ethane, | CFC-113 | Tri-
chloro-
ethane, | chloro-
ethane, | chloro-
ethene, | chloro-
propene |
| Station number | phenyl
phos-
phate,
water, | butoxy-
ethyl)
phos-
phate, | chloro-
ethyl)
phos-
phate, | chloro-
i-Pr)
phos-
phate, | -Tetra-
chloro-
ethane,
water, | Tri-
chloro-
ethane,
water, | -Tetra-
chloro-
ethane,
water, | water | Tri-
chloro-
ethane,
water, | chloro-
ethane,
water | chloro-
ethene,
water, | chloro-
propene
water |
| Station number | phenyl
phos-
phate,
water,
fltrd, | butoxy-
ethyl)
phos-
phate,
wat flt | chloro-
ethyl)
phos-
phate,
wat flt | chloro-
i-Pr)
phos-
phate,
wat flt | -Tetra-
chloro-
ethane,
water,
unfltrd | Tri-
chloro-
ethane,
water,
unfltrd | -Tetra-
chloro-
ethane,
water,
unfltrd | water
unfltrd | Tri-
chloro-
ethane,
water,
unfltrd | chloro-
ethane,
water
unfltrd | chloro-
ethene,
water,
unfltrd | chloro-
propene
water
unfltrd |
| Station number | phenyl
phos-
phate,
water, | butoxy-
ethyl)
phos-
phate, | chloro-
ethyl)
phos-
phate, | chloro-
i-Pr)
phos-
phate, | -Tetra-
chloro-
ethane,
water, | Tri-
chloro-
ethane,
water, | -Tetra-
chloro-
ethane,
water, | water | Tri-
chloro-
ethane,
water, | chloro-
ethane,
water | chloro-
ethene,
water, | chloro-
propene
water |
| Station number | phenyl
phos-
phate,
water,
fltrd,
ug/L | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L | chloro-
ethyl)
phos-
phate,
wat flt
ug/L | chloro-
i-Pr)
phos-
phate,
wat flt
ug/L | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L | Tri-
chloro-
ethane,
water,
unfltrd
ug/L | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516) | water
unfltrd
ug/L | Tri-
chloro-
ethane,
water,
unfltrd
ug/L | chloro-
ethane,
water
unfltrd
ug/L | chloro-
ethene,
water,
unfltrd
ug/L
(34501) | chloro-
propene
water
unfltrd
ug/L |
| Station number
390720119442501 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092) | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093) | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087) | chloro-
i-Pr)
phos-
phate,
wat flt
ug/L
(62088) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562) | Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34506) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516)
<.09 | water
unfltrd
ug/L
(77652) | Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34511) | chloro-
ethane,
water
unfltrd
ug/L
(34496) | chloro-
ethene,
water,
unfltrd
ug/L
(34501) | chloro-
propene
water
unfltrd
ug/L
(77168) |
| 390720119442501 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092) | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093) | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087) | chloro-
i-Pr)
phos-
phate,
wat flt
ug/L
(62088) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562) | Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34506) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516) | water
unfltrd
ug/L
(77652)
<.06 | Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34511) | chloro-
ethane,
water
unfltrd
ug/L
(34496)
<.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501) | chloro-
propene
water
unfltrd
ug/L
(77168) |
| 390720119442501
390732119455601 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092) | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087) | chloro-
i-Pr) phos-
phate,
wat flt
ug/L
(62088) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562)
<.03

<.03 | Tri-chloro-ethane, water, unfltrd ug/L (34506) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516)
<.09

<.09 | water
unfltrd
ug/L
(77652)
<.06 | Tri-chloro-ethane, water, unfltrd ug/L (34511) | chloro-
ethane,
water
unfltrd
ug/L
(34496)
<.04

<.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05 |
| 390720119442501 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092) | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5

<.5
<.5 | chloro-
i-Pr) phos-
phate,
wat flt
ug/L
(62088) | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) <.03 <.03 <.03 | Tri-chloro-ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 | -Tetra-chloro-ethane, water, unfltrd ug/L (34516) <.09 <.09 <.09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 | chloro-
ethane,
water
unfltrd
ug/L
(34496)

<.04

<.04
<.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05

<.05
<.05 |
| 390720119442501
390732119455601 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092) | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087) | chloro-
i-Pr) phos-
phate,
wat flt
ug/L
(62088) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562)
<.03

<.03 | Tri-chloro-ethane, water, unfltrd ug/L (34506) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516)
<.09

<.09 | water
unfltrd
ug/L
(77652)
<.06 | Tri-chloro-ethane, water, unfltrd ug/L (34511) | chloro-
ethane,
water
unfltrd
ug/L
(34496)
<.04

<.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05 |
| 390720119442501
390732119455601
390809119454401 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5

<.5
<.5 | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5

<.5
<.5 | chloro-
i-Pr) phos-
phate,
wat flt
ug/L
(62088)
<.5

<.5
<.5 | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562)
<.03

<.03
 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516)
<.09

<.09
<.09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.0606 | chloro-
ethane,
water
unfltrd
ug/L
(34496)
<.04

<.04
 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05

<.05
<.05 |
| 390720119442501
390732119455601 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5

<.5
<.5
<.5 | butoxy-ethyl) phos-phate, wat flt ug/L (62093) <.5 <.5 <.5 <.5 | chloro-ethyl) phos-phate, wat fit ug/L (62087) <.5 <.5 <.5 <.5 <.5 | chloro- i-Pr) phos- phate, wat flt ug/L (62088) <.5 <.5 <.5 <.5 | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) <.03 <.03 <.03 <.03 | Tri-chloro-ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 | -Tetra-chloro-ethane, water, unfltrd ug/L (34516) <.09 <.09 <.09 <.09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06

<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 | chloro-
ethane,
water
unflrd
ug/L
(34496)
<.04

<.04

<.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04

<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05

<.05
<.05

<.05 |
| 390720119442501
390732119455601
390809119454401 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5

<.5
<.5 | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5

<.5
<.5 | chloro-
i-Pr) phos-
phate,
wat flt
ug/L
(62088)
<.5

<.5
<.5 | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562)
<.03

<.03
 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516)
<.09

<.09
<.09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.0606 | chloro-
ethane,
water
unfltrd
ug/L
(34496)
<.04

<.04
 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04 | chloro-
propene
water
unfltrd
ug/L
(77168)
<.05

<.05
<.05 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5

<.5
<.5
<.5
<.5 | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5

<.5
<.5
<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5

<.5
<.5
<.5
<.5 | chloro- i-Pr) phos- phate, wat flt ug/L (62088) <.5 <.5 <.5 <.5 <.5 | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) <.03 <.03 <.03 <.03 <.03 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 <.03 | -Tetra- chloro- ethane, water, unfltrd ug/L (34516) <.09 <.09 <.09 <.09 <.09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06

<.06
<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 | chloro-
ethane, water unfltrd ug/L (34496) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04

<.04
 | chloro-
propene water unfltrd ug/L (77168) |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5

<.5
<.5
<.5
<.5
<.5 | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5
<.5
<.5
<.5
<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5
<.5
<.5
<.5
<.5
<.5 | chloro- i-Pr) phos- phate, wat flt ug/L (62088) <.5 <.5 <.5 <.5 <.5 <.5 <.5 | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) < .03 < .03 < .03 < .03 < .03 < .03 < .03 < .03 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | -Tetra-chloro-ethane, water, unfltrd ug/L (34516) < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 < .09 | water
unfltrd
ug/L
(77652)
<.06

<.06
<.06

<.06
<.06
<.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04

<.04
<.04
<.04 | chloro-
propene water unfltrd ug/L (77168) |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5
<.5
<.5
<.5
<.5 | butoxy-
ethyl)
phos-
phate,
wat flt
ug/L
(62093)
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | chloro-
ethyl)
phos-
phate,
wat flt
ug/L
(62087)
<.5
<.5
<.5
<.5
<.5
<.5 | chloro- i-Pr) phos- phate, wat flt ug/L (62088) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | -Tetra- chloro- ethane, water, unfltrd ug/L (34516) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | water unfltrd ug/L (77652) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04

<.04
<.04
<.04
<.04
<.04 | chloro-
propene water unfltrd ug/L (77168) |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5
<.5
<.5
<.5
<.5
<.5 | butoxy-ethy1) phos- phate, wat flt ug/L (62093) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | chloro- ethyl) phos- phate, wat flt ug/L (62087) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | chloro- i-Pr) phos- phate, wat flt ug/L (62088) <.55 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 | -Tetra-chloro-ethane, water, unfltrd ug/L (77562) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | Tri- chloro- ethane, water, unfltrd ug/L (34506) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | -Tetra-chloro-ethane, water, unfltrd ug/L (34516) <- 0.9 | water unfltrd ug/L (77652) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | Tri- chloro- ethane, water, unfltrd ug/L (34511) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-ethane, water unfltrd ug/L (34496) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
ethene,
water,
unfltrd
ug/L
(34501)
<.04

<.04
<.04
<.04
<.04
<.04
<.04
<.04
<.04 | chloro-
propene water unfltrd ug/L (77168) |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | phenyl
phos-
phate,
water,
fltrd,
ug/L
(62092)
<.5
<.5
<.5
<.5
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| Station number | Tetra-
methyl-
benzene
water | 1,2,3,5
Tetra-
methyl-
benzene
water
unfltrd
ug/L
(50000) | 1,2,3-
Tri-
chloro-
benzene
water
unfltrd
ug/L
(77613) | 1,2,3-
Tri-
chloro-
propane
water
unfltrd
ug/L
(77443) | 1,2,3-
Tri-
methyl-
benzene
water
unfltrd
ug/L
(77221) | 1,2,4-
Tri-
chloro-
benzene
water
unfltrd
ug/L
(34551) | 1,2,4-
Tri-
methyl-
benzene
water
unfltrd
ug/L
(77222) | chloro-
propane
water | 1,2-Di-
bromo-
ethane,
water,
unfltrd
ug/L
(77651) | 1,2-Di-
chloro-
benzene
water
unfltrd
ug/L
(34536) | 1,2-Di-
chloro-
ethane,
water, | al,2-Di-
chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832) |
|---|--|--|---|---|---|--|---|--|--|---|---|--|
| 390720119442501 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 109 |
| 390732119455601 | <.2 | <.2 |
<.3 |
<.16 |
<.1 |
<.1 |
<.06 |
<.5 | <.04 |
<.03 |
<.1 | 131 |
| 390809119454401 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 114 |
| | | | | | | | | | | | | |
| 390941119424601 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 109 |
| 390950119452901 | <.2
<.2 | <.2 | <.3
<.3 | <.16
<.16 | <.1
<.1 | <.1
<.1 | <.06
<.06 | <.5
<.5 | <.04
<.04 | <.03
<.03 | <.1
<.1 | 114
117 |
| 391031119462301 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 108 |
| | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 107 |
| 391035119471501 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 107 |
| 391058119424602 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 123 |
| 391113119471501 | | | | | | | | | | | | |
| | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 131 |
| 20112211215 | | | | | | | | | | | | |
| 391133119461701 | <.2 | <.2 | < . 3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 123 |
| 393720119432701 | <.2 | <.2 | < .3 | < .16 | <.1 | <.1 | < .06 | <.5 | < .04 | < .03 | <.1 | 105 |
| 393738119403001 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 111 |
| 393800119403601 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 106 |
| | 2.2 | 2.2 | 2.2 | 2.76 | 1.1 | 1.4 | .55 | 3.7 | .46 | .45 | 2.2 | 108 |
| 393819119433301
393821119423601 | <.2
<.2 | <.2 | <.3
<.3 | <.16
<.16 | <.1
<.1 | <.1
<.1 | <.06
<.06 | <.5
<.5 | <.04
<.04 | <.03
<.03 | <.1
<.1 | 109
101 |
| 393021119423001 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 1,3,5- | | | | ^a 14Bromo | | | | | | |
| | 1,2-Di- | Tri- | 1,3-Di- | 1,3-Di- | 1,4-Di- | fluoro- | 2,2-Di- | 2- | 2-
Ethyrl | 3- | 4- | 4-Iso- |
| | chloro- | Tri-
methyl- | chloro- | chloro- | 1,4-Di-
chloro- | fluoro-
benzene | chloro- | Chloro- | Ethyl- | Chloro- | Chloro- | propyl- |
| | chloro-
propane
water | Tri-
methyl-
benzene
water | chloro-
benzene
water | chloro-
propane
water | 1,4-Di-
chloro-
benzene
water | fluoro- | chloro-
propane
water | Chloro-
toluene
water | Ethyl-
toluene
water | Chloro-
propene
water | Chloro-
toluene
water | propyl-
toluene
water |
| Station number | chloro-
propane
water
unfltrd | Tri-
methyl-
benzene
water
unfltrd | chloro-
benzene
water
unfltrd | chloro-
propane
water
unfltrd | 1,4-Di-
chloro-
benzene
water
unfltrd | fluoro-
benzene
surrog.
VOC Sch
wat unf | chloro-
propane
water
unfltrd | Chloro-
toluene
water
unfltrd | Ethyl-
toluene
water
unfltrd | Chloro-
propene
water
unfltrd | Chloro-
toluene
water
unfltrd | propyl-
toluene
water
unfltrd |
| Station number | chloro-
propane
water
unfltrd
ug/L | Tri-
methyl-
benzene
water
unfltrd
ug/L | chloro-
benzene
water
unfltrd
ug/L | chloro-
propane
water
unfltrd
ug/L | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv | chloro-
propane
water
unfltrd
ug/L | Chloro-
toluene
water
unfltrd
ug/L | Ethyl-
toluene
water
unfltrd
ug/L | Chloro-
propene
water
unfltrd
ug/L | Chloro-
toluene
water
unfltrd
ug/L | propyl-
toluene
water
unfltrd
ug/L |
| | chloro-
propane
water
unfltrd
ug/L
(34541) | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77226) | chloro-
benzene
water
unfltrd
ug/L
(34566) | chloro-
propane
water
unfltrd
ug/L
(77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571) | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834) | chloro-
propane
water
unfltrd
ug/L
(77170) | Chloro-
toluene
water
unfltrd
ug/L
(77275) | Ethyl-
toluene
water
unfltrd
ug/L
(77220) | Chloro-
propene
water
unfltrd
ug/L
(78109) | Chloro-
toluene
water
unfltrd
ug/L
(77277) | propyl-
toluene
water
unfltrd
ug/L
(77356) |
| Station number
390720119442501 | chloro-
propane
water
unfltrd
ug/L | Tri-
methyl-
benzene
water
unfltrd
ug/L | chloro-
benzene
water
unfltrd
ug/L | chloro-
propane
water
unfltrd
ug/L | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv | chloro-
propane
water
unfltrd
ug/L | Chloro-
toluene
water
unfltrd
ug/L | Ethyl-
toluene
water
unfltrd
ug/L | Chloro-
propene
water
unfltrd
ug/L | Chloro-
toluene
water
unfltrd
ug/L | propyl-
toluene
water
unfltrd
ug/L |
| 390720119442501
390732119455601 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03

<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05

<.05 | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834)
80.7

92.9 | chloro-
propane
water
unfltrd
ug/L
(77170)
<.05

<.05 | Chloro-toluene water unfltrd ug/L (77275) <.04 <.04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 | Chloro-
propene
water
unfltrd
ug/L
(78109)
<.12

<.12 | Chloro-toluene water unfltrd ug/L (77277) <.05 <.05 | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12

<.12 |
| 390720119442501 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571) | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834) | chloro-
propane
water
unfltrd
ug/L
(77170) | Chloro-
toluene
water
unfltrd
ug/L
(77275) | Ethyl-
toluene
water
unfltrd
ug/L
(77220) | Chloro-
propene
water
unfltrd
ug/L
(78109)
<.12 | Chloro-
toluene
water
unfltrd
ug/L
(77277) | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12 |
| 390720119442501
390732119455601
390809119454401 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03

<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1
<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05

<.05
<.05 | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834)
80.7

92.9
80.4 | chloro-
propane
water
unfltrd
ug/L
(77170)
<.05

<.05
<.05 | Chloro-toluene water unfltrd ug/L (77275) <.04 <.04 <.04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 <.06 | Chloro-propene water unfltrd ug/L (78109) <.12 <.12 <.12 | Chloro-toluene water unfltrd ug/L (77277) <.05 <.05 <.0505 | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12

<.12
<.12 |
| 390720119442501
390732119455601 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03

<.03
<.03

<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03

<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1
<.1
 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05

<.05
<.05
 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 80.7 | chloro-
propane
water
unfltrd
ug/L
(77170)
<.05

<.05
<.05

<.05 | Chloro- toluene water unfltrd ug/L (77275) <.04 <.04 <.04 <.04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 <.06 <.06 | Chloro-
propene
water
unfltrd
ug/L
(78109)
< .12

< .12
< .12

< .12 | Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12

<.12
<.12
 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <-0 <.03 <-0 <.03 <-0 <.03 <-0 <.00 <-0 <.00 <-0 <.00 <-0 <.00 <-0 <.00 <-0 <0 <.00 <-0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03

<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1
<.1

<.1
<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05

<.05
<.05

<.05
<.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 80.7 92.9 80.4 86.2 76.4 | chloro-
propane
water
unfltrd
ug/L
(77170)
<.05

<.05
<.05

<.05
<.05 | Chloro-toluene water unfltrd ug/L (77275) < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 < .04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 <.06 <.06 <.06 | Chloro-
propene
water
unfltrd
ug/L
(78109)
< .12

< .12
< .12

< .12
< .12 | Chloro-toluene water unfltrd ug/L (77277) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12

<.12
<.12

<.12
<.12 |
| 390720119442501
390732119455601
390809119454401 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03

<.03
<.03

<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03

<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1
<.1
 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05

<.05
<.05
 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 80.7 | chloro-
propane
water
unfltrd
ug/L
(77170)
<.05

<.05
<.05

<.05 | Chloro- toluene water unfltrd ug/L (77275) <.04 <.04 <.04 <.04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 <.06 <.06 | Chloro-
propene
water
unfltrd
ug/L
(78109)
< .12

< .12
< .12

< .12 | Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 | propyl-
toluene
water
unfltrd
ug/L
(77356)
<.12

<.12
<.12
 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03

<.03
<.03

<.03
<.03
<.03 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03

<.03
<.03
<.03 | chloro-
propane water unfltrd ug/L (77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
(34571)
<.05

<.05
<.05
<.05
<.05
<.05
<.05
<.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 80.7 92.9 80.4 86.2 76.4 95.0 | chloro-
propane water unfltrd ug/L (77170) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | Chloro- toluene water unfltrd ug/L (77275) <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Ethyl- toluene water unfltrd ug/L (77220) <.06 <.06 <.06 <.06 <.06 <.06 <.06 | Chloro-propene water unfltrd ug/L (78109) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 | Chloro- toluene water unfltrd ug/L (77277) <.05 <.05 <.05 <.05 <.05 <.05 <.05 | propyl- toluene water unfltrd ug/L (77356) <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 <.12 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03

<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1

<.1
<.1
<.1
<.1
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|--|---|--|--|---|---|---|--|--|--|---|---|---|
| | | _ | | | Bromo- | di- | | | Carbon | | | |
| | | Acrylo- | _ | Bromo- | chloro- | chloro- | Bromo- | Bromo- | di- | Chloro- | Chloro- | Chloro- |
| | Acetone
water | nitrile
water | Benzene
water | benzene
water | methane
water | methane
water | ethene,
water, | methane
water | sulfide
water | benzene
water | ethane,
water, | methane
water |
| Station number | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (81552) | (34215) | (34030) | (81555) | (77297) | (32101) | (50002) | (34413) | (77041) | (34301) | (34311) | (34418) |
| 390720119442501 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 390720119442501 | < / | < I | < . 04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 390732119455601 | <7 | <1 | < .04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 |
| 390809119454401 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| | | | | | | | | | | | | |
| 390941119424601 | <7 | <1 | E.01 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 330341113424001 | <7 | <1 | < . 04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 390950119452901 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 391031119462301 | < 7 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 391035119471501 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 391033119471301 | | | | | | | | | | | | |
| 391058119424602 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 391113119471501 | | | | | | | | | | | | |
| | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| | | | | | | | | | | | | |
| 391133119461701 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 |
| | | | | | | | | | | | | |
| 393720119432701 | <7 | <1 | < .04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 393738119403001 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 393800119403601 | <7 | <1 | < .04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 |
| 333000113103001 | 80 | 24 | .54 | .42 | 1.76 | .50 | 2.1 | E4.2 | .67 | .47 | 1.4 | E3.5 |
| 393819119433301 | <7 | <1 | < .04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| 393821119423601 | <7 | <1 | < .04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | cis- | cis- | Di- | | Di- | | | | | | | Hexa- |
| | 1,2-Di- | 1,3-Di- | bromo- | Di- | chloro- | Di- | Di- | Diiso- | Ethyl | Ethyl | | chloro- |
| | 1,2-Di-
chloro- | 1,3-Di-
chloro- | bromo-
chloro- | bromo- | chloro-
di- | chloro- | ethyl | propyl | methac- | methyl | Ethyl- | chloro-
buta- |
| | 1,2-Di-
chloro-
ethene, | 1,3-Di-
chloro-
propene | bromo-
chloro-
methane | bromo-
methane | chloro-
di-
fluoro- | chloro-
methane | ethyl
ether, | propyl ether, | methac-
rylate, | methyl
ketone, | benzene | chloro-
buta-
diene, |
| Station number | 1,2-Di-
chloro- | 1,3-Di-
chloro- | bromo-
chloro- | bromo- | chloro-
di- | chloro- | ethyl | propyl | methac- | methyl | | chloro-
buta- |
| Station number | 1,2-Di-
chloro-
ethene,
water, | 1,3-Di-
chloro-
propene
water | bromo-
chloro-
methane
water | bromo-
methane
water | chloro-
di-
fluoro-
methane | chloro-
methane
water | ethyl
ether,
water, | propyl
ether,
water, | methac-
rylate,
water, | methyl
ketone,
water, | benzene
water | chloro-
buta-
diene,
water, |
| Station number | 1,2-Di-
chloro-
ethene,
water,
unfltrd | 1,3-Di-
chloro-
propene
water
unfltrd | bromo-
chloro-
methane
water
unfltrd | bromo-
methane
water
unfltrd | chloro-
di-
fluoro-
methane
wat unf | chloro-
methane
water
unfltrd | ethyl
ether,
water,
unfltrd | propyl
ether,
water,
unfltrd | methac-
rylate,
water,
unfltrd | methyl
ketone,
water,
unfltrd | benzene
water
unfltrd | chloro-
buta-
diene,
water,
unfltrd |
| | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093) | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704) | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105) | bromo-
methane
water
unfltrd
ug/L
(30217) | chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668) | chloro-
methane
water
unfltrd
ug/L
(34423) | ethyl
ether,
water,
unfltrd
ug/L
(81576) | propyl
ether,
water,
unfltrd
ug/L
(81577) | methac-
rylate,
water,
unfltrd
ug/L
(73570) | methyl
ketone,
water,
unfltrd
ug/L
(81595) | benzene
water
unfltrd
ug/L
(34371) | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702) |
| Station number
390720119442501 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L | bromo-
chloro-
methane
water
unfltrd
ug/L | bromo-
methane
water
unfltrd
ug/L | chloro-
di-
fluoro-
methane
wat unf
ug/L | chloro-
methane
water
unfltrd
ug/L | ethyl
ether,
water,
unfltrd
ug/L | propyl
ether,
water,
unfltrd
ug/L | methac-
rylate,
water,
unfltrd
ug/L | methyl
ketone,
water,
unfltrd
ug/L | benzene
water
unfltrd
ug/L | chloro-
buta-
diene,
water,
unfltrd
ug/L |
| | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093) | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704) | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105) | bromo-
methane
water
unfltrd
ug/L
(30217) | chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668) | chloro-
methane
water
unfltrd
ug/L
(34423) | ethyl
ether,
water,
unfltrd
ug/L
(81576) | propyl
ether,
water,
unfltrd
ug/L
(81577) | methac-
rylate,
water,
unfltrd
ug/L
(73570) | methyl
ketone,
water,
unfltrd
ug/L
(81595) | benzene
water
unfltrd
ug/L
(34371) | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702) |
| 390720119442501 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04

E.02
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09

<.09
<.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 | chloro-di-fluoro-methane wat unf ug/L (34668) <.18 <.18 <.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2

<.2
<.2 | ethyl
ether,
water,
unfltrd
ug/L
(81576)
<.2

<.2
<.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1
<.1 |
| 390720119442501
390732119455601 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04

E.02 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09

<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105) | bromomethane water unfltrd ug/L (30217) <.05 <.05 | chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668)
<.18

<.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2

<.2 | ethyl
ether,
water,
unfltrd
ug/L
(81576)
<.2

<.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1 |
| 390720119442501
390732119455601
390809119454401 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04

E.02
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09

<.09
<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
< .2

< .2
< .2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 | chlorodi-
di-
fluoro-
methane wat unf
ug/L
(34668)
<.18

<.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2

<.2
<.2 | ethyl
ether,
water,
unfltrd
ug/L
(81576)
<.2

<.2
<.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1
<.1 |
| 390720119442501
390732119455601 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04

E.02
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09

<.09
<.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 | chloro-di-fluoro-methane wat unf ug/L (34668) <.18 <.18 <.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2

<.2
<.2 | ethyl
ether,
water,
unfltrd
ug/L
(81576)
<.2

<.2
<.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1
<.1 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04

E.02
<.04

<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09

<.09
<.09
 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2

<.2
<.2
<.2 | bromomethane water unflrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | chloro-di-fluoro-methane wat unf ug/L (34668) <.18 <.18 <.18 <.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 | ethyl
ether,
water,
unflrd
ug/L
(81576)
<.2

<.2
<.2

<.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10

<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2

<.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0
 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03

<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1
<.1
 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
< .2 | bromomethane water unfltrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18

<.18
<.18

<.18
<.18

<18
<.18 | chloro- methane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl ether, water, unflrd ug/L (81576) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10
<.10
<.10
<.10
<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2

<.2
<.2
<.2
 | methyl ketone, water, unfltrd ug/L (81595) <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03

<.03
<.03
<.03
<.03 | chloro-buta-diene, water, unfltrd ug/L (39702) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2

<.2
<.2
<.2
<.2
<.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 | chloro-di-fluoro-methane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 | chloro- methane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl
ether,
water,
unfltrd
ug/L
(81576)
<.2

<.2
<.2

<.2
<.2
 | propyl
ether,
water,
unfltrd
ug/L
(81577)
< .10

< .10
< .10
< .10
< .10
< .10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
< .2

< .2
< .2
< .2
< .2
< .2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0
<5.0
<5.0
<5.0
<5.0
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03

<.03
<.03
<.03
<.03 | chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702)
<.1

<.1
<.1
<.1
 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl
ether,
water,
unfilrd
ug/L
(81576)
<-2

<-2
<-2
<-2
<-2
<-2
<-2
<-2
<-2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
< .10

< .10
< .10
< .10
< .10
< .10
< .10
< .10 | methac- rylate, water, unfltrd ug/L (73570) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | methyl
ketone,
water,
unfltrd
ug/L
(81595)
<5.0

<5.0
<5.0
<5.0
<5.0
<5.0
<5.0
<5.0
<5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03 | chloro- buta- diene, water, unfltrd ug/L (39702) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
< .2 | bromomethane water unfltrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18

<.18
<.18

<.18
<.18

<18
<.18 | chloro- methane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl ether, water, unflrd ug/L (81576) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | propyl
ether,
water,
unfltrd
ug/L
(81577)
<.10

<.10
<.10
<.10
<.10
<.10
<.10 | methac-
rylate,
water,
unfltrd
ug/L
(73570)
<.2

<.2
<.2

<.2
<.2
<.2
 | methyl ketone, water, unfltrd ug/L (81595) <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 | benzene
water
unfltrd
ug/L
(34371)
<.03

<.03
<.03

<.03
<.03
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<.03 | chloro-buta-diene, water, unfltrd ug/L (39702) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 |
| 390720119442501
390732119455601
390809119454401
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391058119424602 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl ether, water, water, unfiltrd ug/L (81576) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | propyl ether, water, unfiltrd ug/L (81577) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | methac- rylate, water, unfltrd ug/L (73570) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | methyl ketone, water, water, unfltrd ug/L (81595) <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 | benzene
water
unfltrd
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(34371)
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| 390720119442501
390732119455601
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391031119462301 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 E.02 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | chlorodi-
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water
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<.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 .09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.09 </.</td <td>1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09</td> <td>bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2</td> <td>bromomethane water unfltrd ug/L (30217) <.05 <.05</td> <td>chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18</td> <td>chloromethane water unfltrd ug/L (34423) <.2 <.2</td> <td>ethyl ether, water, unfiltrd ug/L (81576) <.2 <.2</td> <td>propyl ether, water, unfiltrd ug/L (81577) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10</td> <td>methac- rylate, water, unfltrd ug/L (73570) <.2 <.2</td> <td>methyl ketone, water, unfltrd ug/L (81595) <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0</td> <td>benzene water unfltrd ug/L (34371) <.03 <!--.04 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05</td--><td>chloro- buta- diene, water, unfltrd ug/L (39702) <.1 <.1</td></td> | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | ethyl ether, water, unfiltrd ug/L (81576) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | propyl ether, water, unfiltrd ug/L (81577) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | methac- rylate, water, unfltrd ug/L (73570) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | methyl ketone, water, unfltrd ug/L (81595) <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 | benzene water unfltrd ug/L (34371) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 .04 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05 </.05</td <td>chloro- buta- diene, water, unfltrd ug/L (39702) <.1 <.1</td> | chloro- buta- diene, water, unfltrd ug/L (39702) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 |

| Station number | Hexa-
chloro-
ethane,
water,
unfltrd
ug/L
(34396) | Iodo-
methane
water
unfltrd
ug/L
(77424) | Iso-
butyl
methyl
ketone,
water,
unfltrd
ug/L
(78133) | Iso-
propyl-
benzene
water
unfltrd
ug/L
(77223) | Meth-
acrylo-
nitrile
water
unfltrd
ug/L
(81593) | Methyl
acryl-
ate,
water,
unfltrd
ug/L
(49991) | Methyl
methac-
rylate,
water,
unfltrd
ug/L
(81597) | Methyl
tert-
pentyl
ether,
water,
unfltrd
ug/L
(50005) | meta-
+ para-
Xylene,
water,
unfltrd
ug/L
(85795) | Naphth-
alene,
water,
unfltrd
ug/L
(34696) | Methyl
n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | n-Butyl
benzene
water
unfltrd
ug/L
(77342) |
|---|--|--|--|--|--|--|--|--|---|---|--|---|
| 390720119442501 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 390732119455601 | <.2 |
<.35 |
<.4 |
<.06 |
<.6 | <2.0 | <.3 |
<.08 |
<.06 |
<.5 |
<.7 | <.2 |
| 390809119454401 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| | | | | | | | | | | | | |
| 390941119424601 | . 2 | <.35 | . 1 | <.06 | | <2.0 | <.3 | <.08 | E.04 | <.5 | <.7 | . 2 |
| 390941119424601 | <.2
<.2 | <.35 | <.4 | <.06 | <.6
<.6 | <2.0 | <.3 | <.08 | <.04 | <.5 | <.7 | <.2
<.2 |
| 390950119452901 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 391031119462301 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 391035119471501 | <.2 | <.35 | < .4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| | | | | | | | | | | | | |
| 391058119424602
391113119471501 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 331113113471301 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| | | | | | | | | | | | | |
| 201122110461801 | | | | | | | | | | | | |
| 391133119461701 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 393720119432701 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 393738119403001 | <.2 | <.35 | < .4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 393800119403601 | 0 | 2.5 | | 0.0 | | 0.0 | 2 | 0.0 | 0.0 | - | - | |
| 393800119403601 | <.2
1.6 | <.35
E3.18 | < .4
4.9 | <.06
.45 | <.6
9.9 | <2.0
25.8 | <.3
6.2 | <.08
1.05 | <.06
1.16 | <.5
3.9 | <.7
7.6 | <.2
1.4 |
| 393819119433301 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| 393821119423601 | <.2 | <.35 | < .4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | n-
propyl-
benzene | o-
Xylene, | sec-
Butyl-
benzene | Styrene | t-Butyl
ethyl
ether, | Methyl
t-butyl
ether, | tert-
Butyl-
benzene | Tetra-
chloro-
ethene, | Tetra-
chloro-
methane | Tetra-
hydro-
furan, | Toluene | ^a Toluene
-d8,
surrog,
Sch2090 |
| Station number | propyl-
benzene
water
unfltrd | <pre>Xylene, water, unfltrd</pre> | Butyl-
benzene
water
unfltrd | water
unfltrd | ethyl
ether,
water,
unfltrd | t-butyl
ether,
water,
unfltrd | Butyl-
benzene
water
unfltrd | chloro-
ethene,
water,
unfltrd | chloro-
methane
water
unfltrd | hydro-
furan,
water,
unfltrd | water
unfltrd | -d8,
surrog,
Sch2090
wat unf
percent |
| Station number | propyl-
benzene
water
unfltrd
ug/L | Xylene,
water,
unfltrd
ug/L | Butyl-
benzene
water
unfltrd
ug/L | water
unfltrd
ug/L | ethyl
ether,
water,
unfltrd
ug/L | t-butyl
ether,
water,
unfltrd
ug/L | Butyl-
benzene
water
unfltrd
ug/L | chloro-
ethene,
water,
unfltrd
ug/L | chloro-
methane
water
unfltrd
ug/L | hydro-
furan,
water,
unfltrd
ug/L | water
unfltrd
ug/L | -d8,
surrog,
Sch2090
wat unf
percent
recovry |
| Station number | propyl-
benzene
water
unfltrd | <pre>Xylene, water, unfltrd</pre> | Butyl-
benzene
water
unfltrd | water
unfltrd | ethyl
ether,
water,
unfltrd | t-butyl
ether,
water,
unfltrd | Butyl-
benzene
water
unfltrd | chloro-
ethene,
water,
unfltrd | chloro-
methane
water
unfltrd | hydro-
furan,
water,
unfltrd | water
unfltrd | -d8,
surrog,
Sch2090
wat unf
percent |
| Station number
390720119442501 | propyl-
benzene
water
unfltrd
ug/L | Xylene,
water,
unfltrd
ug/L | Butyl-
benzene
water
unfltrd
ug/L | water
unfltrd
ug/L | ethyl
ether,
water,
unfltrd
ug/L | t-butyl
ether,
water,
unfltrd
ug/L | Butyl-
benzene
water
unfltrd
ug/L | chloro-
ethene,
water,
unfltrd
ug/L | chloro-
methane
water
unfltrd
ug/L | hydro-
furan,
water,
unfltrd
ug/L | water
unfltrd
ug/L | -d8,
surrog,
Sch2090
wat unf
percent
recovry |
| 390720119442501
390732119455601 | propyl-
benzene
water
unfltrd
ug/L
(77224) | <pre>Xylene, water, unfltrd ug/L (77135) <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06 | water
unfltrd
ug/L
(77128) | ethyl
ether,
water,
unfltrd
ug/L
(50004) | t-butyl
ether,
water,
unfltrd
ug/L
(78032) | Butyl-
benzene
water
unfltrd
ug/L
(77353) | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03 | chloro-
methane
water
unfltrd
ug/L
(32102)
<.06

<.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607) | water
unfltrd
ug/L
(34010) | -d8,
surrog,
Sch2090
wat unf
percent
recovry
(99833)
88.2 |
| 390720119442501 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06

<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04

<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<-2

<.2
<.2 | Butyl-
benzene
water
unfltrd
ug/L
(77353)
<.10

<.10
<.10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01 | chloro-
methane
water
unfltrd
ug/L
(32102)
<.06

<.06
<.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607) | water
unfltrd
ug/L
(34010)
<.05

<.05
<.05 | -d8,
surrog,
Sch2090
wat unf
percent
recovry
(99833)
88.2

102
90.0 |
| 390720119442501
390732119455601 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06 | water
unfltrd
ug/L
(77128)
<.04

<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2 | Butyl-
benzene
water
unfltrd
ug/L
(77353)
<.10

<.10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03 | chloro-
methane
water
unfltrd
ug/L
(32102)
<.06

<.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607) | water
unfltrd
ug/L
(34010)
<.05

<.05 | -d8,
surrog,
Sch2090
wat unf
percent
recovry
(99833)
88.2 |
| 390720119442501
390732119455601 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06

<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04

<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<-2

<.2
<.2 | Butyl-
benzene
water
unfltrd
ug/L
(77353)
<.10

<.10
<.10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01 | chloro-
methane
water
unfltrd
ug/L
(32102)
<.06

<.06
<.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607) | water
unfltrd
ug/L
(34010)
<.05

<.05
<.05 | -d8,
surrog,
Sch2090
wat unf
percent
recovry
(99833)
88.2

102
90.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04

<.04
 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07

<.07
<.07

E.02
<.07 | Butyl-
benzene
water
unfltrd
ug/L
(77350)
< .06

< .06
< .06

< .06
< .06 | water
unfltrd
ug/L
(77128)
<.04

<.04
<.04

<.04
 | ethyl ether, water, unfltrd ug/L (50004) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2
<.2

<.2
M | Butyl-benzene water unfltrd ug/L (77353) < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 < .10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01

<.03
<.03
<.03 | chloro- methane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2 | water
unfltrd
ug/L
(34010)
<.05

<.05
<.05

E.06
<.05 | -d8, surrog, Sch2090 wat unf percent recovry (99833) 88.2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04

<.04

<.04
 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07

<.07
<.07

E.02
<.07
<.07 | Butyl-benzene water unfltrd ug/L (77350) < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 | water
unfltrd
ug/L
(77128)
<.04

<.04
<.04

<.04
<.04
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05
<.05

<.05
<.05
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2
<.2
<.2
 | Butyl-
benzene
water
unfltrd
ug/L
(77353)
<.10

<.10
<.10
<.10
<.10
<.10
<.10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01

<.03
<.03
<.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2
<2
<2
<2 | water
unfltrd
ug/L
(34010)
<.05

<.05
<.05

E.06
<.05
<.05 | -d8, surrog, Sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 |
| 390720119442501
390732119455601
390809119454401
390941119424601 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04

<.04
<.04
<.04
<.04
<.04
<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 | water
unfltrd
ug/L
(77128)
<.04

<.04

<.04

<.04
<.04
<.04
<.04
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05
<.05

<.05
<.05
<.05
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2
<.2

<.2
<.2
<.2
 | Butyl-benzene water unfltrd ug/L (77353) | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01

<.03
<.03
<.03
<.03 | chloro-methane water unfltrd ug/L (32102) <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2
<2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 -102 90.0 92.3 88.7 97.4 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04

<.04

<.04
 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07

<.07
<.07

E.02
<.07
<.07 | Butyl-benzene water unfltrd ug/L (77350) < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 | water
unfltrd
ug/L
(77128)
<.04

<.04
<.04

<.04
<.04
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05

<.05
<.05

<.05
<.05
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2
<.2
<.2
 | Butyl-
benzene
water
unfltrd
ug/L
(77353)
<.10

<.10
<.10
<.10
<.10
<.10
<.10 | chloro-
ethene,
water,
unfltrd
ug/L
(34475)
<.03

<.03
E.01

<.03
<.03
<.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2
<2
<2
<2 | water
unfltrd
ug/L
(34010)
<.05

<.05
<.05

E.06
<.05
<.05 | -d8, surrog, Sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

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<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 E.02 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2

<.2
<.2
<.2
<.2

<.2
<.2
<.2
<.2 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloro- methane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2 | water unfiltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 97.5 98.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04
<.04
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<.04
<.04
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<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 E.02 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, water, unfiltrd ug/L (50004) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | t-buryl
ether,
water,
unfiltrd
ug/L
(78032)
<.2

<.2
<.2
<.2
<.2
<.2

<.2
<.2

<.2
<.2
 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, waftrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfiltrd
ug/L
(81607)
<2

<2
<2
<2
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<2
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<2
<2
<2
<2
<2
<2
<2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04

<.04

<.04
<.04
<.04
<.04
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<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfiltrd ug/L (777128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-buryl
ether,
water,
unfltrd
ug/L
(78032)
<-2
<-2
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<-2
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<-2 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2
<2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 97.5 98.0 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Xylene, water, unfiltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 | t-butyl
ether,
water,
unfiltrd
ug/L
(78032)
<.2

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<.2 | Butyl-benzene water unfiltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfiltrd
ug/L
(81607) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 97.5 98.0 97.7 98.2 103 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 | propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfiltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfiltrd
ug/L
(78032)
<.2

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<.2 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfltrd
ug/L
(81607)
<2

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<2
<2
<2
<2
<2
<2
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<2
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<2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 97.5 98.0 97.7 98.2 103 |
| 390720119442501
390732119455601
390809119454401
390941119424601
390950119452901
391031119462301
391035119471501
391058119424602 | propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Xylene, water, unfiltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 | t-butyl
ether,
water,
unfiltrd
ug/L
(78032)
<.2

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<.2 | Butyl-benzene water unfiltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfiltrd
ug/L
(81607) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 102 90.0 92.3 88.7 97.4 97.5 98.0 97.7 98.2 103 |
| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391031119462301 391035119471501 391058119424602 391113119471501 391133119461701 393720119432701 | propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl ether, water, unfiltrd ug/L (78032) <.2 <.2 <.2 <.2 M <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro-
furan,
water,
unfiltrd
ug/L
(81607)
<2

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| 390720119442501 390732119455601 390809119454401 390941119424601 390950119452901 391035119471501 391058119424602 391113119471501 391133119461701 | propyl- benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | Xylene, water, unflrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.07 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl ether, water, unfiltrd ug/L (78032) <.2 <.2 <.2 <.2 M <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 | Butyl-benzene water unfltrd ug/L (77353) <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 <.10 | chloro-ethene, water, unfltrd ug/L (34475) <.03 <.03 E.01 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | chloromethane water unfltrd ug/L (32102) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | hydro- furan, water, unfltrd ug/L (81607) <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 | water unfltrd ug/L (34010) <.05 <.05 <.05 E.06 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | -d8, surrog, sch2090 wat unf percent recovry (99833) 88.2 |
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NATIONAL WATER-QUALITY ASSESSMENT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | trans- | trans- | trans- | | | Tri- | | | | Deu- | | |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1,2-Di- | 1,3-Di- | 1,4-Di- | Tri- | Tri- | chloro- | Tri- | Vinyl | Di- | terium/ | 0-18 / | |
| | chloro- | chloro- | chloro- | bromo- | chloro- | fluoro- | chloro- | chlor- | chlor- | Protium | 0-16 | Uranium |
| | ethene, | propene | 2- | methane | ethene, | methane | methane | ide, | vos, | ratio, | ratio, | natural |
| | water, | water | butene, | water | water, | water | water | water, | water | water, | water, | water, |
| Station number | unfltrd | unfltrd | wat unf | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | fltrd, | unfltrd | unfltrd | fltrd, |
| | ug/L | per mil | per mil | ug/L |
| | (34546) | (34699) | (73547) | (32104) | (39180) | (34488) | (32106) | (39175) | (38775) | (82082) | (82085) | (22703) |
| 390720119442501 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | <.01 | -110 | -14.66 | 5.50 |
| | | | | | | | | | | | | |
| 390732119455601 | <.03 | <.09 | <.7 | < .10 | <.04 | <.09 | <.02 | <.1 | <.01 | | | 4.40 |
| 390809119454401 | <.03 | <.09 | <.7 | < .10 | <.04 | <.09 | <.02 | <.1 | <.01 | | | 2.26 |
| | | | | | | | | | <.01 | | | |
| 390941119424601 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | <1.00 | | | |
| | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | <.01 | -106 | -13.91 | 20.6 |
| 390950119452901 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | E.01 | <.1 | <.01 | | | 15.4 |
| 391031119462301 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | <1.00 | | | |
| | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | <.01 | | | 22.9 |
| 391035119471501 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | .17 | <.1 | <.01 | | | 15.0 |
| | | | | | | | | | | | | |
| 391058119424602 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | < .02 | <.1 | <.01 | | | .55 |
| 391113119471501 | | | | | | | | | <.01 | | | |
| | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | E.07 | <.1 | <.01 | -107 | -14.29 | 41.5 |
| | | | | | | | | | | | | |
| 391133119461701 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | E.02 | <.1 | < .01 | | | 25.1 |
| | | | | | | | | | | | | |
| 393720119432701 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | < .02 | <.1 | <.01 | | | 12.5 |
| 393738119403001 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | E.05 | <.1 | <.01 | | | .91 |
| 393800119403601 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | <.01 | | | 1.08 |
| | .44 | 1.22 | 6.9 | 1.77 | .47 | 2.41 | .50 | 1.2 | | | | |
| 393819119433301 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | <.01 | | | 1.67 |
| 393821119423601 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 | < .02 | <.1 | <.01 | | | 2.30 |
| | | | | | | | | | | | | |

Remark codes used in this report:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified</pre>

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) Reno-Carson City-Spanish Springs Major Aquifer Study to monitor conditions of deep ground water. <u>Depths and Water Levels:</u> Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 32 and 34.

| | | WAIER-QUALITY DATA, | WAIER YEAR | OCTOBER 2002 | 2 10 SE | PIEMBER 2003 | | | |
|--------------------|----------|---------------------|------------|--------------|---------|---------------------------|---------|---------|---------|
| | | | | | | | | Depth | |
| | | | | | | | Depth | to | |
| | | | | | | | of | water | |
| | | | | | | | well, | level, | Flow |
| | | | | | | Sample | feet | feet | rate of |
| Station number | Togal To | dentification | | Date | Time | type | below | below | well, |
| Station number | LOCAL IC | delicificacion | | Date | TIME | cybe | | | |
| | | | | | | | LSD | LSD | gal/min |
| | | | | | | | (72008) | (72019) | (00058) |
| 200000110445201 | 104 271 | 5 E20 28CBAD1 | | 05 00 00 | 0930 | THE STATE OF THE PARTY IS | 184 | | 15 |
| 390802119445301 | | | | 05-08-03 | | ENVIRONMENTAL | 174. | | |
| | | 5 E20 28CBAD1 | | 05-08-03 | 1030 | REPLICATE | | | 15 |
| 390943119474802 | | 5 E19 13CADA2 | | 04-02-03 | 1045 | ENVIRONMENTAL | 190. | 69.68 | .80 |
| 391004119433301 | | 5 E20 15BDBA1 | | 07-23-03 | 1030 | ENVIRONMENTAL | 105. | 11.59 | .50 |
| 391014119450701 | 104 N15 | 5 E20 17AADC1 | | 04-10-03 | 0955 | ENVIRONMENTAL | 700. | | 485 |
| | | | | | | | | | |
| 391105119481101 | 104 N15 | 5 E19 12BBCB1 | | 04-07-03 | 0900 | FIELD BLANK | | | |
| | 104 N15 | 5 E19 12BBCB1 | | 04-07-03 | 1020 | ENVIRONMENTAL | 163. | 141.37 | .50 |
| 391128119415701 | 103 N15 | 5 E20 02DDAC1 | | 04-09-03 | 1040 | ENVIRONMENTAL | 460. | | 150 |
| 391231119442901 | 104 N16 | 6 E20 33ACCC1 | | 04-01-03 | 1020 | ENVIRONMENTAL | 238. | 107.95 | .80 |
| 392231119501901 | 088 N18 | 8 E19 34CDCC1 | | 04-15-03 | 0950 | ENVIRONMENTAL | 236. | | 150 |
| | | | | | | | | | |
| 392414119474701 | 087 N18 | 8 E19 25ABBB1 | | 04-17-03 | 0830 | ENVIRONMENTAL | 760. | | 600 |
| 392506119462201 | 087 N18 | 8 E20 19AABB1 | | 04-16-03 | 0830 | ENVIRONMENTAL | 530. | | 800 |
| 392509119451401 | 087 N18 | 8 E20 17DDDC1 | | 04-23-03 | 0930 | ENVIRONMENTAL | 130. | 17.50 | 250 |
| 392614119454501 | | 8 E20 08CADC1 | | 04-22-03 | 0845 | ENVIRONMENTAL | 429. | | 550 |
| 392627119481901 | | B E19 12BCCD1 | | 05-06-03 | 0930 | FIELD BLANK | 125. | | |
| 392027119401901 | 007 1110 | B EIJ IZBCCDI | | 03-00-03 | 0330 | FIEDD DDAMK | | | |
| | 087 N18 | 8 E19 12BCCD1 | | 05-06-03 | 1045 | ENVIRONMENTAL | 242. | | 15 |
| | | B E19 12BCCD1 | | 05-06-03 | 1100 | SPIKE | | | |
| 392636119464401 | | B E20 07ACBB1 | | 07-22-03 | 0845 | ENVIRONMENTAL | 334. | | 700 |
| 352636115464401 | | B E20 07ACBB1 | | 07-22-03 | 0855 | SPIKE | 334. | | 700 |
| 200010110110162101 | | | | | | | 206 | | |
| 392718119463401 | 087 N18 | 8 E20 06BAAA2 | | 07-21-03 | 0815 | ENVIRONMENTAL | 286. | | 1190 |
| 392809119465901 | 097 N1 | 9 E20 31CABA1 | | 07-21-03 | 0830 | ENVIRONMENTAL | 323. | | 554 |
| 392927119475601 | | 9 E19 25BAAB1 | | 05-05-03 | 1030 | ENVIRONMENTAL | 470. | | 15 |
| | | 9 E19 16DABB1 | | | 0855 | ENVIRONMENTAL | | | 638 |
| 393043119504901 | | | | 07-14-03 | | | 360. | | |
| 393045119500501 | | 9 E19 15CAAA1 | | 07-17-03 | 0945 | ENVIRONMENTAL | 485. | | 2290 |
| 393053119445601 | 087 N19 | 9 E20 16BCAC2 | | 04-21-03 | 0945 | ENVIRONMENTAL | 191. | | 500 |
| | 087 N19 | 9 E20 16BCAC2 | | 04-21-03 | 1015 | REPLICATE | | | 500 |
| 202105110404001 | | | | | | | 45.6 | | |
| 393105119494001 | | 9 E19 15AABA1 | | 07-14-03 | 0900 | ENVIRONMENTAL | 456. | | 2340 |
| 393108119415101 | | 9 E20 14AAAC1 | | 04-08-03 | 1110 | ENVIRONMENTAL | 161. | 3.56 | 1.0 |
| 393127119471101 | | 9 E20 18DBDB1 | | 07-16-03 | 1010 | ENVIRONMENTAL | 685. | | 1150 |
| 393145119452401 | 087 N19 | 9 E20 08DDBC1 | | 07-15-03 | 0915 | ENVIRONMENTAL | 274. | | 1520 |
| | 000 274 | 2 E22 22EEE | | 00 15 02 | 0000 | DEDI TOL MO | | | 1500 |
| | | 9 E20 08DDBC1 | | 07-15-03 | 0930 | REPLICATE | | | 1520 |
| 393158119454301 | | 9 E20 08BDAC1 | | 07-16-03 | 0920 | ENVIRONMENTAL | 665. | | 1460 |
| 393203119472801 | | 9 E19 12AABA1 | | 07-15-03 | 0900 | FIELD BLANK | | | |
| | | 9 E19 12AABA1 | | 07-15-03 | 0900 | ENVIRONMENTAL | 583. | | |
| | 087 N19 | 9 E19 12AABA1 | | 07-15-03 | 1115 | ENVIRONMENTAL | | | 1420 |
| | | | | | | | | | 4450 |
| 393231119462901 | | 9 E20 06ADCC1 | | 07-17-03 | 0950 | ENVIRONMENTAL | 375. | | 1150 |
| 393715119403701 | | 0 E21 07BBBD1 | | 05-01-03 | 0920 | ENVIRONMENTAL | 797. | | 1800 |
| 393739119432101 | | 0 E20 03CAAD1 | | 04-29-03 | 0830 | FIELD BLANK | | | |
| | | 0 E20 03CAAD1 | | 04-29-03 | 0945 | ENVIRONMENTAL | 815. | | 200 |
| 393812119425701 | 085 N21 | 1 E20 34DDDC1 | | 04-30-03 | 0845 | ENVIRONMENTAL | 300. | | 800 |

| Station number | Tur-
bidity,
water,
unfltrd
field,
NTU
(61028) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) | Sodium,
water,
fltrd,
mg/L
(00930) |
|-----------------|--|---|--|---|---|--|---|---|--|--|--|--|
| 390802119445301 | .3 | 633 | 1.6 | 19 | 7.0 | 240 | 7.5 | 14.0 | 24.6 | 7.65 | 1.44 | 16.4 |
| | | | | | | | | | 24.1 | 7.40 | 1.53 | 15.6 |
| 390943119474802 | 2.3 | 628 | .8 | 8 | 7.1 | 227 | 3.0 | 10.9 | 23.9 | 8.31 | 2.49 | 13.2 |
| 391004119433301 | 17 | 646 | .1 | .0 | 8.1 | 359 | 34.0 | 20.3 | 34.8 | 1.19 | 1.04 | 40.6 |
| 391014119450701 | .2 | 642 | . 8 | 10 | 7.9 | 187 | 22.0 | 15.8 | 19.5 | 2.48 | 5.36 | 18.8 |
| 391105119481101 | | | | | | | | | | | | |
| | 4.0 | 635 | 5.0 | 56 | 6.7 | 166 | 13.0 | 12.1 | 17.3 | 3.45 | 2.79 | 10.5 |
| 391128119415701 | .6 | 644 | 3.3 | 40 | 7.2 | 392 | 14.0 | 16.0 | 44.1 | 6.67 | 3.07 | 26.5 |
| 391231119442901 | 620 | 632 | 5.6 | 72 | 7.5 | 323 | 13.0 | 18.2 | 29.6 | 7.86 | 3.29 | 27.1 |
| 392231119501901 | .3 | 612 | 3.6 | 42 | 7.3 | 347 | 4.0 | 12.7 | 29.4 | 22.0 | 4.93 | 13.7 |
| 392414119474701 | .3 | 626 | 4.3 | 55 | 7.4 | 221 | 8.5 | 17.9 | 16.4 | 11.1 | 4.81 | 11.7 |
| 392506119462201 | .2 | 641 | 4.7 | 58 | 7.2 | 216 | 6.0 | 16.6 | 16.7 | 10.3 | 5.65 | 10.8 |
| 392509119451401 | .2 | 642 | 5.1 | 62 | 6.6 | 192 | 9.0 | 16.1 | 7.83 | 2.73 | 5.63 | 28.5 |
| 392614119454501 | .6 | 640 | 4.2 | 50 | 7.6 | 231 | 10.0 | 15.4 | 17.3 | 12.9 | 6.22 | 9.88 |
| 392627119481901 | | | | | | | | | | | | |
| | .5 | 638 | 7.0 | 86 | 7.0 | 441 | 14.0 | 16.4 | 44.1 | 16.7 | 4.67 | 20.4 |
| 392636119464401 | 1.2 | 649 | 5.9 | 67 | 7.2 | 204 | | 13.5 | 17.8 | 6.70 | 2.48 | 13.3 |
| | | | | | | | | | | | | |
| 392718119463401 | | 650 | 4.5 | 56 | 7.3 | 278 | | 17.8 | 22.1 | 14.9 | 5.72 | 13.6 |
| 392809119465901 | .1 | 654 | 2.8 | 33 | 7.2 | 374 | | 16.2 | 28.8 | 20.2 | 5.19 | 16.6 |
| 392927119475601 | 1.6 | 646 | .6 | 11 | 7.8 | 748 | 23.0 | 39.8 | 14.3 | .909 | 6.91 | 142 |
| 393043119504901 | .1 | 649 | 2.9 | 34 | 7.8 | 433 | 16.0 | 15.4 | 43.8 | 21.8 | 4.06 | 15.5 |
| 393045119500501 | .2 | 650 | 5.0 | 59 | 7.6 | 386 | | 15.6 | 36.8 | 13.0 | 3.30 | 20.2 |
| 393053119445601 | .2 | 640 | 1.0 | 11 | 7.2 | 253 | 13.0 | 13.2 | 20.0 | 8.54 | 3.55 | 19.4 |
| | | | | | | | | | | | | |
| 393105119494001 | .1 | 654 | 6.3 | 69 | 7.3 | 355 | | 12.5 | 34.3 | 12.3 | 2.94 | 17.9 |
| 393108119415101 | .6 | 652 | .3 | 4 | 8.2 | 832 | 15.0 | 19.6 | 5.72 | .466 | 3.94 | 175 |
| 393127119471101 | .3 | 650 | .1 | .0 | 7.9 | 422 | | 19.4 | 4.49 | 1.81 | 6.84 | 78.8 |
| 393145119452401 | .1 | 654 | 2.3 | 26 | 7.5 | 324 | | 14.7 | 26.9 | 11.2 | 4.07 | 21.2 |
| | | | | | | | | | 25.9 | 11.2 | 4.02 | 21.0 |
| 393158119454301 | .1 | 654 | .1 | 1 | 7.4 | 320 | 21.8 | 21.6 | 19.8 | 5.07 | 7.69 | 35.5 |
| 393203119472801 | | | | | | | | | .02 | <.008 | <.16 | <.10 |
| | | | | | | | | | | | | |
| | .1 | 649 | 5.2 | 62 | 7.8 | 451 | | 16.2 | 45.6 | 16.4 | 3.22 | 19.7 |
| 393231119462901 | .3 | 655 | 8.6 | 97 | 7.7 | 346 | 31.0 | 13.7 | 34.0 | 11.9 | 2.96 | 19.1 |
| 393715119403701 | .2 | 645 | 2.6 | 34 | 8.2 | 212 | 10.0 | 20.3 | 7.10 | 3.37 | 5.64 | 33.5 |
| 393739119432101 | | | | | | | | | <.01 | <.008 | <.16 | <.09 |
| | .3 | 643 | 1.5 | 18 | 7.2 | 352 | 10.0 | 16.3 | 11.3 | 2.99 | 2.79 | 64.0 |
| 393812119425701 | .2 | 646 | 1.5 | 17 | 7.5 | 914 | 8.0 | 14.2 | 67.7 | 15.5 | 6.09 | 103 |

| Station number | Alka-
linity,
wat flt
inc tit
field,
mg/L as
CaCO3
(39086) | Bicar-
bonate,
wat flt
incrm.
titr.,
field,
mg/L
(00453) | Bromide
water,
fltrd,
mg/L
(71870) | Chlor-
ide,
water,
fltrd,
mg/L
(00940) | Fluor-
ide,
water,
fltrd,
mg/L
(00950) | Silica,
water,
fltrd,
mg/L
(00955) | Sulfate
water,
fltrd,
mg/L
(00945) | Residue
on
evap.
at
180degC
wat flt
mg/L
(70300) | Ammonia
+
org-N,
water,
fltrd,
mg/L
as N
(00623) | Ammonia
water,
fltrd,
mg/L
as N
(00608) | Nitrite
+
nitrate
water
fltrd,
mg/L
as N
(00631) | Nitrite
water,
fltrd,
mg/L
as N
(00613) |
|------------------------------------|---|---|--|---|---|--|--|---|---|--|---|--|
| 390802119445301 | 113 | 138 | .05 | 5.43 | .48 | 55.8 | 7.7 | 197 | <.10 | < .04 | .73 | <.008 |
| | | | .05 | 4.83 | .46 | 54.3 | 7.4 | 194 | E.07 | <.04 | .69 | <.008 |
| 390943119474802 | 111 | 136 | .02 | 5.23 | .18 | 35.6 | 3.3 | 165 | <.10 | < .04 | .89 | <.008 |
| 391004119433301 | 119 | 145 | .09 | 11.5 | .9 | 37.6 | 33.5 | 231 | .38 | .31 | <.06 | <.008 |
| 391014119450701 | 94 | 115 | E.01 | 1.28 | .07 | 23.2 | 6.0 | 135 | <.10 | < .04 | .22 | <.008 |
| 201105110401101 | | | | | | | | | | | | |
| 391105119481101 | | | | | | 29.8 | | | .49 | | 1.87 | |
| 201120110415701 | 72
101 | 88
124 | E.02 | 2.05 | .08 | | 2.2 | 120
276 | | .43 | 1.87 | .008 |
| 391128119415701
391231119442901 | 121 | 148 | .13 | 14.0
8.43 | .22 | 43.6
38.0 | 63.2
23.1 | 276 | <.10
<.10 | <.04 | 2.38 | <.008 |
| 391231119442901 | 176 | 215 | . 10 | 8.43 | .22 | 38.0
58.6 | 23.1
5.1 | 252 | | <.04 | ∠.38
.52 | <.008 |
| 392231119501901 | 176 | 215 | .02 | 11.3 | .08 | 50.0 | 5.1 | 252 | <.10 | < .04 | .52 | <.008 |
| 392414119474701 | 110 | 134 | E.01 | 1.75 | .07 | 60.2 | 2.5 | 178 | <.10 | < .04 | .38 | <.008 |
| 392506119462201 | 105 | 128 | E.01 | 1.53 | .06 | 64.1 | 2.8 | 174 | <.10 | <.04 | .68 | <.008 |
| 392509119451401 | 80 | 98 | E.01 | 6.49 | .07 | 69.6 | 7.3 | 177 | <.10 | < . 04 | .79 | <.008 |
| 392614119454501 | 110 | 134 | E.01 | 2.77 | .06 | 62.6 | 3.8 | 189 | <.10 | < .04 | .98 | <.008 |
| 392627119481901 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 206 | 251 | .05 | 8.94 | <.17 | 42.5 | 16.6 | 301 | <.10 | < .04 | 2.13 | <.008 |
| | | | | | | | | | | | | |
| 392636119464401 | 81 | 99 | E.01 | 7.43 | <.2 | 39.1 | 6.9 | 148 | <.10 | < .04 | .77 | <.008 |
| | | | | | | | | | | | | |
| 392718119463401 | 139 | 170 | .03 | 2.36 | <.2 | 66.1 | 4.9 | 223 | <.10 | <.04 | .88 | <.008 |
| 392809119465901 | 178 | 217 | .04 | 3.68 | <.2 | 70.1 | 11.3 | 273 | <.10 | < .04 | .69 | <.008 |
| 392927119475601 | 114 | 142 | .07 | 19.6 | 2.46 | 82.9 | 208 | 563 | E.05 | < .04 | <.06 | <.008 |
| 393043119504901 | 130 | 158 | .10 | 10.8 | <.2 | 32.9 | 61.9 | 295 | <.10 | < .04 | 2.21 | <.008 |
| 393045119500501 | 115 | 140 | .06 | 12.8 | <.2 | 35.9 | 42.0 | 245 | <.10 | < . 04 | 2.20 | <.008 |
| 393053119445601 | 88 | 107 | .03 | 7.01 | .14 | 38.3 | 22.2 | 175 | <.10 | < .04 | 1.20 | <.008 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 393105119494001 | 103 | 125 | .04 | 10.8 | <.2 | 28.7 | 47.4 | 229 | <.10 | < .04 | 1.53 | <.008 |
| 393108119415101 | 215 | 263 | .11 | 31.5 | 2.71 | 22.9 | 138 | 532 | <.10 | < .04 | <.06 | <.008 |
| 393127119471101 | 84 | 102 | .03 | 7.58 | . 4 | 57.1 | 88.5 | 287 | .12 | .11 | <.06 | <.008 |
| 393145119452401 | 111 | 135 | .04 | 10.3 | <.2 | 38.0 | 31.8 | 218 | <.10 | < .04 | 1.09 | <.008 |
| | | | . 05 | 10.4 | <.2 | 37.8 | 31.8 | 215 | <.10 | <.04 | 1.08 | <.008 |
| 393158119454301 | 85 | 104 | .02 | 3.33 | .2 | 64.1 | 61.1 | 251 | .13 | .12 | <.06 | <.008 |
| 393203119472801 | | 104 | <.02 | <.20 | <.2 | <.02 | <.2 | <10 | <.10 | <.04 | <.06 | <.008 |
| 222021124120UI | | | | | | | | | | | | |
| | 137 | 168 | .10 | 19.2 | <.2 | 35.5 | 53.8 | 309 | <.10 | < .04 | 3.41 | <.008 |
| | | | , | | | | | | , | | | |
| 393231119462901 | 98 | 120 | .04 | 16.1 | <.2 | 33.2 | 43.0 | 224 | <.10 | < .04 | 1.06 | <.008 |
| 393715119403701 | 79 | 97 | .08 | 7.55 | .20 | 37.6 | 11.6 | 163 | <.10 | < .04 | 1.78 | <.008 |
| 393739119432101 | | | <.02 | <.20 | <.17 | <.13 | <.2 | <10 | <.10 | <.04 | <.12 | <.008 |
| | 116 | 141 | .13 | 14.1 | .71 | 65.1 | 34.7 | 281 | <.10 | < .04 | 1.99 | <.008 |
| 393812119425701 | 170 | 207 | .83 | 96.0 | .51 | 72.4 | 104 | 618 | .10 | < .04 | 8.83 | <.008 |
| | | | | | | | | | | | | |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Ortho-
phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | Organic
carbon,
water,
fltrd,
mg/L
(00681) | Colipge
F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | Colipge
som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | E coli,
MI MF,
water,
col/
100 mL
(90901) | Total
coli-
form,
MI MF,
water,
col/
100 mL
(90900) | Alum-
inum,
water,
fltrd,
ug/L
(01106) | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsen-
ate,
water,
fltrd,
ug/L
as As
(62453) | Arsenic
water,
fltrd,
ug/L
(01000) | Arsen-
ite,
water,
fltrd,
ug/L
as As
(62452) | Mono-
methyl-
arson-
ate,
wat flt
ug/L
as As
(62454) |
|-----------------|--|---|--|--|--|--|---|---|--|--|--|---|
| 390802119445301 | .03 | . 4 | 2 | 2 | <1 | <1 | M | <.30 | 3.3 | 3.3 | <.1 | <.1 |
| | .02 | E.3 | | | | | <2 | <.30 | 3.3 | 3.1 | <.1 | .2 |
| 390943119474802 | .06 | E.3 | 2 | 2 | <1 | <1 | <2 | < .30 | 5.2 | 5.1 | <.1 | <.1 |
| 391004119433301 | <.02 | .8 | 2 | 2 | <1 | <1 | E1 | <.30 | . 7 | 34.0 | 29.0 | 1.2 |
| 391014119450701 | .12 | E.2 | 2 | 2 | <1 | <1 | E1 | <.30 | 8.8 | 8.9 | <.1 | <.1 |
| 391105119481101 | | . 7 | | | <1 | <1 | 2 | <.30 | | <.3 | | |
| 331103113401101 | .15 | .4 | 2 | 2 | <1 | <1 | <2 | <.30 | .7 | .7 | <.1 | <.1 |
| 391128119415701 | .02 | .3 | 2 | 2 | <1 | <1 | <2 | <.30 | 4.6 | 4.2 | <.1 | .1 |
| 391231119442901 | .10 | 3.1 | 2 | 2 | E1 | E5 | E1 | .36 | 18.4 | 17.8 | <.1 | <.1 |
| 392231119501901 | .05 | 1.2 | 2 | 2 | <1 | <1 | <2 | <.30 | .5 | .5 | <.1 | <.1 |
| | | | | | | | | | | | | |
| 392414119474701 | .05 | E.2 | 2 | 2 | <1 | <1 | <2 | <.30 | 1.1 | 1.2 | <.1 | <.1 |
| 392506119462201 | .06 | E.2 | 2 | 2 | <1 | <1 | <2 | < .30 | 4.4 | 4.3 | <.1 | <.1 |
| 392509119451401 | .15 | . 4 | 2 | 2 | <1 | <1 | <2 | 9.52 | 30.1 | 29.5 | <.1 | <.1 |
| 392614119454501 | .05 | E.2 | 2 | 2 | <1 | <1 | <2 | E.22 | 4.8 | 4.8 | <.1 | <.1 |
| 392627119481901 | | E.2 | | | <1 | <1 | <2 | <.30 | | <.3 | | |
| | | | | | | | | | | | | |
| | .04 | .5 | 2 | 2 | <1 | E2 | <2 | .93 | 13.1 | 14.7 | 1.4 | <.1 |
| | | | | | | | | | 32.0 | | 20.1 | 18.7 |
| 392636119464401 | .05 | .6 | 2 | 2 | <1 | <1 | 4 | <.30 | 1.5 | 1.3 | .2 | .2 |
| | | | | | | | | | | | | |
| 392718119463401 | .06 | E.3 | 2 | 2 | <1 | <1 | <2 | E.16 | 4.9 | 4.1 | .2 | .4 |
| 392809119465901 | .06 | 1.0 | 2 | 2 | <1 | <1 | <2 | E.19 | 6.0 | 5.4 | .2 | . 4 |
| 392927119475601 | .02 | E.2 | 2 | 2 | <1 | <1 | 6 | 4.56 | 58.9 | 89.1 | 36.4 | <.2 |
| 393043119504901 | .05 | .5 | 2 | 2 | <1 | <1 | M | <.30 | 2.8 | 2.9 | <.1 | <.1 |
| 393045119500501 | .03 | .5 | 2 | 2 | <1 | <1 | 3 | <.30 | 2.5 | 2.4 | <.1 | .1 |
| 393053119445601 | .05 | . 4 | 2 | 2 | <1 | <1 | <2 | <.30 | 17.1 | 16.8 | <.1 | <.1 |
| | | | | | | | | | | | | |
| | | E.2 | | | | | <2 | <.30 | | 16.9 | | |
| 393105119494001 | E.02 | 1.1 | 2 | 2 | <1 | <1 | 3 | <.30 | 1.0 | 1.0 | <.1 | .1 |
| 393108119415101 | .03 | E.2 | 2 | 2 | <1 | <1 | 2 | <.30 | 235 | 233 | .6 | <.1 |
| 393127119471101 | .18 | E.2 | 2 | 2 | <1 | <1 | 2 | < .30 | 44.3 | 79.2 | 35.7 | . 9 |
| 393145119452401 | .07 | .7 | 2 | 2 | <1 | <1 | 3 | E.24 | 15.3 | 14.4 | <.1 | <.1 |
| | .06 | .8 | | | | | 3 | E.23 | 15.3 | 14.2 | <.1 | <.1 |
| 393158119454301 | .21 | .7 | 2 | 2 | <1 | <1 | E1 | <.30 | 43.9 | 97.7 | 56.0 | 1.5 |
| 393203119472801 | <.02 | E.3 | | | | | <2 | <.30 | <.2 | <.3 | <.1 | <.1 |
| 1112031131,2001 | | | | | | | | | | | | |
| | .06 | .5 | 2 | 2 | <1 | <1 | 6 | .51 | 4.6 | 4.3 | <.1 | <.1 |
| | | | | | | | | | | | | |
| 393231119462901 | .04 | .8 | 2 | 2 | <1 | <1 | 4 | .34 | 4.9 | 4.8 | <.1 | .1 |
| 393715119403701 | .02 | <.3 | 2 | 2 | <1 | <1 | 6 | <.30 | 2.9 | 3.1 | <.1 | <.1 |
| 393739119432101 | <.02 | | | | | | | | <.2 | | <.1 | <.1 |
| | .07 | <.3 | 2 | 2 | <1 | <1 | 2 | < .30 | 10.3 | 10.6 | <.1 | <.1 |
| 393812119425701 | .03 | 1.0 | 2 | 2 | <1 | <1 | <2 | <.30 | 9.8 | 11.0 | <.1 | <.1 |

| | Di- | | | | | | | | | | | |
|-----------------|------------|----------|--------------|----------|--------------|-----------|---------|-----------|---------|-----------|--------------|-------------|
| | methyl- | | | | | | | | | | | |
| | arsin- | | Beryll- | | | Chrom- | | | Iron- | | | |
| | ate, | Barium, | ium, | Boron, | Cadmium | ium, | Cobalt | Copper, | (II), | Iron, | Lead, | Lithium |
| | wat flt | water, | water, | water, | water, | water, | water, | water, | water, | water, | water, | water, |
| Station number | ug/L | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | unfltrd | fltrd, | fltrd, | fltrd, |
| | as As | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (62455) | (01005) | (01010) | (01020) | (01025) | (01030) | (01035) | (01040) | (99032) | (01046) | (01049) | (01130) |
| 390802119445301 | <.1 | 51 | < .06 | 30 | < .04 | E.4 | .07 | . 8 | | <10 | .10 | 66.4 |
| 390943119474802 | <.1 | 51
14 | <.06
<.06 | 28 | <.04
E.03 | <.8 | .08 | .6
E.1 | | <10 | .08 | 64.6
6.3 |
| 391004119433301 | <.1
1.5 | 107 | < .06 | 11
80 | E.03 | <.8 | .07 | E.2 | M | <10
18 | <.08
<.08 | 25.2 |
| 391004119433301 | <.1 | 23 | < .06 | 13 | E.03 | <.8
.9 | .07 | .5 | | <10 | .10 | 5.3 |
| 391014119430701 | <.1 | 23 | <.00 | 13 | E.U2 | . 5 | .05 | .5 | | <10 | .10 | 5.5 |
| 391105119481101 | | М | <.06 | < 7 | <.04 | <.8 | .02 | 1.9 | | | E.07 | <.5 |
| | < . 1 | 12 | < .06 | 19 | E.02 | < . 8 | .06 | .5 | | <10 | .16 | 14.8 |
| 391128119415701 | <.1 | 54 | < .06 | 62 | < . 04 | 1.0 | .14 | 1.2 | | 13 | .59 | 2.8 |
| 391231119442901 | <.1 | 53 | < .06 | 26 | E.03 | <.8 | .09 | .3 | | <10 | <.08 | 15.0 |
| 392231119501901 | <.1 | 119 | <.06 | 7 | <.04 | E.5 | .06 | 1.8 | | <10 | .29 | E.3 |
| 392414119474701 | <.1 | 52 | < .06 | 12 | < .04 | 1.3 | .03 | .7 | | <10 | E.06 | 2.3 |
| 392506119462201 | <.1 | 61 | < .06 | 25 | < .04 | 1.2 | .03 | .5 | | <10 | .25 | 9.2 |
| 392509119451401 | <.1 | 50 | < .06 | 190 | < .04 | <.8 | .02 | 1.2 | | <10 | 1.60 | 225 |
| 392614119454501 | <.1 | 75 | < .06 | 107 | < .04 | 1.1 | .03 | .6 | | 69 | .08 | 5.2 |
| 392627119481901 | | <.050 | <.06 | < 7 | <.04 | <.8 | <.01 | <.2 | | | <.08 | <.5 |
| | <.1 | 191 | < .06 | 62 | <.04 | <.8 | .13 | 2.5 | | E7 | .36 | 17.9 |
| | 18.9 | | | | | | | | | | | |
| 392636119464401 | <.1 | 42 | < .06 | 27 | <.04 | E.6 | .07 | 1.7 | | 28 | .47 | 2.7 |
| | | | | | | | | | | | | |
| 392718119463401 | .1 | 96 | <.06 | 22 | <.04 | 1.3 | .05 | .7 | | <8 | .26 | 7.5 |
| 392809119465901 | .1 | 177 | < .06 | 22 | <.04 | 1.7 | .07 | .8 | | <8 | 2.34 | 8.8 |
| 392927119475601 | <.2 | 21 | < .06 | 997 | .06 | <.8 | .03 | 1.3 | | E9 | .30 | 96.4 |
| 393043119504901 | <.1 | 48 | < .06 | 27 | <.04 | . 8 | .12 | 1.4 | | <8 | .16 | 1.3 |
| 393045119500501 | <.1 | 46 | < .06 | 29 | <.04 | E.7 | .07 | .6 | | E6 | .30 | 1.3 |
| 393053119445601 | <.1 | 24 | <.06 | 104 | <.04 | <.8 | .04 | 1.7 | | <10 | 1.02 | 1.2 |
| | | 24 | <.06 | 114 | <.04 | <.8 | .06 | 2.1 | | | 1.43 | 1.2 |
| 393105119494001 | <.1 | 38 | < .06 | 23 | <.04 | E.7 | .10 | 1.7 | | <8 | .40 | 1.1 |
| 393108119415101 | <.1 | 22 | < .06 | 1320 | <.04 | <.8 | .03 | .9 | | <10 | <.08 | 65.5 |
| 393127119471101 | 1.5 | 21 | < .06 | 283 | E.03 | <.8 | .02 | .4 | | 57 | E.07 | 17.2 |
| 393145119452401 | <.1 | 32 | <.06 | 102 | <.04 | E.6 | .07 | 3.1 | | <8 | .23 | 3.3 |
| | <.1 | 32 | <.06 | 92 | <.04 | E.6 | .07 | 3.0 | | <8 | .23 | 3.2 |
| 393158119454301 | 2.4 | 62 | < .06 | 202 | E.03 | <.8 | .04 | .3 | | 12 | .08 | 52.6 |
| 393203119472801 | <.1 | M | <.06 | < 7 | <.04 | <.8 | <.01 | E.1 | | <8 | <.08 | <.5 |
| | | | | | | | | | | | | |
| | <.1 | 64 | <.06 | 37 | <.04 | 1.0 | .10 | .7 | | E4 | .37 | 4.7 |
| 393231119462901 | <.1 | 48 | <.06 | 35 | <.04 | E.7 | .08 | 1.3 | | <8 | .11 | 4.6 |
| 393715119403701 | <.1 | 11 | < .06 | 43 | <.04 | 3.1 | E.01 | .2 | | <10 | E.07 | 3.0 |
| 393739119432101 | <.1 | | | | | | | | | <10 | | |
| | <.1 | 54 | < .06 | 450 | .04 | <.8 | .02 | 1.6 | | <10 | .18 | 1.4 |
| 393812119425701 | <.1 | 102 | <.06 | 483 | E.02 | E.6 | .13 | 1.2 | | <10 | .26 | 4.4 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Mangan- | Molyb- | | Selen- | | Stront- | Thall- | Vanad- | | 2,6-Di-
ethyl-
aniline | | Aceto- |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------------------|---------|---------|
| | ese, | denum, | Nickel, | ium, | Silver, | ium, | ium, | ium, | Zinc, | water | CIAT, | chlor, |
| | water, | fltrd | water, | water, |
| Station number | fltrd, | 0.7u GF | fltrd, | fltrd, |
| | ug/L | ug/L | ug/L |
| | (01056) | (01060) | (01065) | (01145) | (01075) | (01080) | (01057) | (01085) | (01090) | (82660) | (04040) | (49260) |
| 390802119445301 | E.2 | 1.4 | .45 | E.3 | <.20 | 358 | <.04 | 9.4 | 39 | <.006 | <.006 | <.006 |
| | E.2 | 1.4 | .49 | <.5 | <.20 | 358 | <.04 | 8.8 | 37 | <.006 | <.006 | <.006 |
| 390943119474802 | .6 | 3.8 | .32 | < .5 | <.20 | 247 | < .04 | 3.6 | <1 | <.006 | <.006 | <.006 |
| 391004119433301 | 124 | 14.1 | 1.00 | < .5 | <.20 | 405 | < .04 | <.1 | 2 | <.006 | <.006 | <.006 |
| 391014119450701 | 1.2 | 4.5 | .60 | <.5 | M | 190 | <.04 | 12.5 | 2 | <.006 | <.006 | <.006 |
| 391105119481101 | 3.1 | <.3 | .88 | <.5 | <.20 | 1.57 | <.04 | E.1 | 3 | | | |
| | .6 | . 4 | .29 | <.5 | <.20 | 124 | < .04 | 3.5 | 6 | <.006 | <.006 | <.006 |
| 391128119415701 | 1.3 | 3.5 | .20 | . 7 | <.20 | 367 | < .04 | 18.9 | 47 | <.006 | <.006 | <.006 |
| 391231119442901 | 44.4 | 11.9 | 1.45 | .6 | <.20 | 298 | < .04 | 13.2 | <1 | <.006 | <.006 | <.006 |
| 392231119501901 | <.2 | .9 | 1.15 | <.5 | <.20 | 351 | <.04 | 10.9 | 10 | <.006 | E.007 | <.006 |
| 392414119474701 | .4 | 1.9 | .65 | <.5 | <.20 | 173 | < .04 | 12.4 | 2 | <.006 | <.006 | <.006 |
| 392506119462201 | .4 | 1.9 | .65 | < .5 | <.20 | 177 | < .04 | 10.7 | 3 | <.006 | <.006 | <.006 |
| 392509119451401 | .6 | .5 | .07 | < .5 | <.20 | 77.2 | E.03 | 2.9 | 2 | | | |
| 392614119454501 | 2.9 | 1.3 | .59 | <.5 | <.20 | 182 | < .04 | 14.8 | M | <.006 | <.006 | <.006 |
| 392627119481901 | <.2 | <.3 | <.06 | <.5 | <.20 | <.20 | <.04 | <.1 | <1 | | | |
| | 25.7 | 2.3 | .79 | E.4 | <.20 | 1150 | < .04 | 3.4 | 26 | <.006 | <.006 | <.006 |
| | | | | | | | | | | .101 | E.028 | .131 |
| 392636119464401 | 2.7 | 1.1 | .61 | <.5 | <.20 | 195 | < .04 | 3.8 | 2 | <.006 | <.006 | <.006 |
| | | | | | | | | | | .130 | E.055 | .147 |
| 392718119463401 | <.2 | 1.7 | .37 | <.5 | <.20 | 268 | < .04 | 12.7 | M | <.006 | <.006 | <.006 |
| 392809119465901 | .3 | 1.3 | .49 | <.5 | <.20 | 346 | < .04 | 14.3 | 2 | <.006 | <.006 | <.006 |
| 392927119475601 | 18.9 | 29.7 | .49 | .5 | <.20 | 121 | E.03 | 2.8 | 2 | <.006 | <.006 | <.006 |
| 393043119504901 | .3 | 1.4 | 1.12 | .6 | <.20 | 372 | < .04 | 4.5 | 2 | <.006 | <.006 | <.006 |
| 393045119500501 | <.2 | 1.6 | 1.06 | .7 | <.20 | 377 | < .04 | 4.5 | M | <.006 | <.006 | <.006 |
| 393053119445601 | 24.1 | 2.6 | .69 | <.5 | <.20 | 181 | < .04 | 3.4 | 2 | <.006 | E.004 | <.006 |
| | 24.0 | 2.8 | . 70 | <.5 | <.20 | 183 | <.04 | 3.5 | 3 | | | |
| 393105119494001 | .4 | 1.0 | .88 | E.3 | <.20 | 376 | < .04 | 2.7 | 1 | <.006 | <.006 | <.006 |
| 393108119415101 | 13.7 | 6.2 | .12 | < .5 | <.20 | 342 | < .04 | 3.6 | 12 | <.006 | <.006 | <.006 |
| 393127119471101 | 61.5 | 12.4 | .20 | <.5 | <.20 | 46.7 | < .04 | .2 | <1 | <.006 | <.006 | <.006 |
| 393145119452401 | E.1 | 2.8 | .79 | <.5 | <.20 | 225 | < .04 | 4.7 | 3 | <.006 | E.005 | <.006 |
| | E.1 | 2.7 | .80 | E.3 | <.20 | 226 | <.04 | 4.7 | 3 | <.006 | E.004 | <.006 |
| 393158119454301 | 218 | 11.5 | .61 | <.5 | <.20 | 441 | < .04 | .2 | 1 | <.006 | <.006 | <.006 |
| 393203119472801 | <.2 | <.3 | <.06 | <.5 | <.20 | <.20 | <.04 | <.1 | <1 | <.006 | <.006 | <.006 |
| | | | | | | | | | | | | |
| | E.1 | 1.6 | .65 | .7 | <.20 | 416 | < .04 | 3.9 | 2 | <.006 | E.006 | <.006 |
| 393231119462901 | .3 | 1.4 | .96 | 1.0 | <.20 | 307 | < .04 | 4.3 | 1 | <.006 | E.008 | <.006 |
| 393715119403701 | .8 | 4.9 | .23 | E.4 | <.20 | 98.9 | < .04 | 44.1 | 1 | <.006 | <.006 | <.006 |
| 393739119432101 | <2.0 | | | | | | | | | <.006 | <.006 | <.006 |
| | E.1 | 23.8 | .41 | E.4 | <.20 | 139 | <.04 | 52.4 | 2 | <.006 | <.006 | <.006 |
| 393812119425701 | .6 | 14.2 | 2.13 | 1.3 | <.20 | 673 | < .04 | 35.3 | 3 | <.006 | E.009 | <.006 |

| Station number | Ala-
chlor,
water,
fltrd, | alpha-
HCH,
water,
fltrd, | alpha-
HCH-d6,
surrog,
wat flt
0.7u GF
percent | Atra-
zine,
water,
fltrd, | Azin-
phos-
methyl,
water,
fltrd
0.7u GF | Ben-
flur-
alin,
water,
fltrd
0.7u GF | Butyl-
ate,
water,
fltrd, | Car-
baryl,
water,
fltrd
0.7u GF | Carbo-
furan,
water,
fltrd
0.7u GF | Chlor-
pyrifos
water,
fltrd, | cis-
Per-
methrin
water
fltrd
0.7u GF | Cyana-
zine,
water,
fltrd, |
|------------------|------------------------------------|------------------------------------|---|------------------------------------|---|--|------------------------------------|--|--|---------------------------------------|--|-------------------------------------|
| | ug/L
(46342) | ug/L
(34253) | recovry
(91065) | ug/L
(39632) | ug/L
(82686) | ug/L
(82673) | ug/L
(04028) | ug/L
(82680) | ug/L
(82674) | ug/L
(38933) | ug/L
(82687) | ug/L
(04041) |
| 390802119445301 | < .004 | <.005 | 103 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | <.004 | <.005 | 91.4 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 390943119474802 | < .004 | <.005 | 83.3 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 391004119433301 | < .004 | <.005 | 100 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 391014119450701 | <.004 | <.005 | 98.2 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 391105119481101 | | | | | | | | | | | | |
| | < .004 | <.005 | 97.2 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 391128119415701 | < .004 | <.005 | 90.2 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 391231119442901 | < .004 | <.005 | 91.4 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 392231119501901 | <.004 | <.005 | 93.0 | E.003 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 392414119474701 | <.004 | <.005 | 87.3 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 392506119462201 | < .004 | < .005 | 95.6 | < .007 | < .050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 392509119451401 | | | | | | | | | | | | |
| 392614119454501 | < .004 | < .005 | 100 | <.007 | < .050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 392627119481901 | | | | | | | | | | | | |
| | <.004 | <.005 | 88.5 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | .120 | .122 | 95.5 | .105 | E.127 | .093 | E.114 | E.123 | E.113 | .116 | .074 | .094 |
| 392636119464401 | <.004 | <.005 | 100 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 3,203011,3404401 | .123 | .130 | 102 | .121 | E.132 | .110 | .124 | E.133 | E.159 | .127 | .101 | .145 |
| 392718119463401 | <.004 | <.005 | 105 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | | | | | | | | | | | | |
| 392809119465901 | < .004 | <.005 | 100 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 392927119475601 | < .004 | <.005 | 89.3 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393043119504901 | < .004 | <.005 | 102 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393045119500501 | < .004 | <.005 | 81.2 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393053119445601 | <.004 | <.005 | 104 | E.002 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | | | | | | | | | | | | |
| 393105119494001 | < .004 | < .005 | 100 | < .007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 393108119415101 | < .004 | < .005 | 96.4 | < .007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 393127119471101 | < .004 | < .005 | 105 | < .007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | < .006 | <.018 |
| 393145119452401 | <.004 | <.005 | 88.6 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | <.004 | <.005 | 91.8 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393158119454301 | < .004 | <.005 | 95.4 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393203119472801 | <.004 | <.005 | 95.5 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | | | | | | | | | | | | |
| | <.004 | <.005 | 95.6 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393231119462901 | <.004 | <.005 | 101 | E.004 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393715119403701 | <.004 | <.005 | 87.5 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393739119432101 | <.004 | <.005 | 86.2 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| | <.004 | <.005 | 101 | <.007 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |
| 393812119425701 | < .004 | <.005 | 83.7 | .009 | <.050 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | DCPA,
water | Desulf-
inyl
fipro-
nil, | Diazi-
non, | aDiazi-
non-d10
surrog.
wat flt | Diel-
drin, | Disul-
foton,
water, | EPTC,
water, | Ethal-
flur-
alin,
water, | Etho-
prop,
water, | Desulf-
inyl-
fipro-
nil | Fipro-
nil
sulfide | Fipro-
nil
sulfone |
|-----------------|--------------------------|-----------------------------------|--------------------------|--|--------------------------|----------------------------|--------------------------|------------------------------------|--------------------------|-----------------------------------|--------------------------|--------------------------|
| Station number | fltrd
0.7u GF
ug/L | water,
fltrd,
ug/L | water,
fltrd,
ug/L | 0.7u GF
percent
recovry | water,
fltrd,
ug/L | fltrd
0.7u GF
ug/L | fltrd
0.7u GF
ug/L | fltrd
0.7u GF
ug/L | fltrd
0.7u GF
ug/L | amide,
wat flt
ug/L | water,
fltrd,
ug/L | water,
fltrd,
ug/L |
| | (82682) | (62170) | (39572) | (91063) | (39381) | (82677) | (82668) | (82663) | (82672) | (62169) | (62167) | (62168) |
| 390802119445301 | <.003 | <.004 | <.005 | 105 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | <.003 | <.004 | <.005 | 103 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 390943119474802 | <.003 | < .004 | <.005 | 108 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 391004119433301 | <.003 | < .004 | <.005 | 117 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 391014119450701 | <.003 | < .004 | <.005 | 124 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 391105119481101 | | | | | | | | | | | | |
| | <.003 | < .004 | <.005 | 108 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 391128119415701 | <.003 | < .004 | <.005 | 106 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 391231119442901 | <.003 | <.004 | <.005 | 118 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 392231119501901 | <.003 | <.004 | <.005 | 97.2 | <.005 | <.02 | <.002 | <.009 | <.005 | E.004 | <.005 | <.005 |
| 392414119474701 | < .003 | < .004 | <.005 | 106 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | < .005 | <.005 |
| 392506119462201 | <.003 | < .004 | <.005 | 105 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 392509119451401 | | | | | | | | | | | | |
| 392614119454501 | < .003 | < .004 | <.005 | 5.8 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 392627119481901 | | | | | | | | | | | | |
| | <.003 | <.004 | <.005 | 112 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | .118 | < .004 | .128 | 129 | .107 | .04 | .092 | .107 | .096 | <.009 | <.005 | <.005 |
| 392636119464401 | < .003 | < .004 | < .005 | 109 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | < .005 | <.005 |
| | .141 | < .004 | .136 | 116 | .138 | .03 | .116 | .138 | .120 | <.009 | <.005 | <.005 |
| 392718119463401 | <.003 | <.004 | <.005 | 107 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 392809119465901 | <.003 | <.004 | <.005 | 101 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 392927119475601 | <.003 | <.004 | <.005 | 101 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | | | | | | | | | | | | |
| 393043119504901 | <.003 | <.004 | <.005 | 96.4 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393045119500501 | <.003 | <.004 | <.005 | 89.3 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393053119445601 | <.003 | <.004 | <.005 | 117 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393105119494001 | <.003 | <.004 | <.005 | 100 | <.005 |
<.02 | <.002 | <.009 |
<.005 | <.009 |
<.005 |
<.005 |
| | <.003 | <.004 | <.005 | 111 | <.005 | | <.002 | <.009 | | | <.005 | |
| 393108119415101 | | | | | | <.02 | | | <.005 | <.009 | | <.005 |
| 393127119471101 | <.003 | <.004 | <.005 | 109 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393145119452401 | <.003 | <.004 | <.005 | 93.9 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | <.003 | <.004 | <.005 | 97.3 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393158119454301 | < .003 | < .004 | < .005 | 111 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | < .005 | <.005 |
| 393203119472801 | <.003 | <.004 | <.005 | 112 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | | | | | | | | | | | | |
| | <.003 | <.004 | <.005 | 98.2 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393231119462901 | <.003 | <.004 | <.005 | 107 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393715119403701 | <.003 | < .004 | <.005 | 104 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| 393739119432101 | <.003 | <.004 | <.005 | 122 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |
| | < .003 | < .004 | < .005 | 113 | < .005 | <.02 | <.002 | <.009 | <.005 | <.009 | < .005 | <.005 |
| 393812119425701 | <.003 | < .004 | <.005 | 114 | <.005 | <.02 | <.002 | <.009 | <.005 | <.009 | <.005 | <.005 |

| | | | | | | Methyl | | | | | | |
|-----------------|----------------|---------|---------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|----------------|----------------|
| | Fipro- | | | Linuron | Mala- | para-
thion, | Metola- | Metri- | Moli-
nate, | Naprop-
amide, | p,p'- | Para- |
| | nil, | Fonofos | Lindane | water | thion, | water, | chlor, | buzin, | water, | water, | DDE, | thion, |
| | water, | water, | water, | fltrd | water, | fltrd | water, | water, | fltrd | fltrd | water, | water, |
| Station number | fltrd, | fltrd, | fltrd, | 0.7u GF | fltrd, | 0.7u GF | fltrd, | fltrd, | 0.7u GF | 0.7u GF | fltrd, | fltrd, |
| | uq/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (62166) | (04095) | (39341) | (82666) | (39532) | (82667) | (39415) | (82630) | (82671) | (82684) | (34653) | (39542) |
| 390802119445301 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 390943119474802 | <.007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.004 | <.007 | <.003 | <.010 |
| 391004119433301 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 391014119450701 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 391105119481101 | | | | | | | | | | | | |
| 391128119415701 | <.007
<.007 | <.003 | <.004 | <.035
<.035 | <.027
<.027 | <.006
<.006 | <.013
<.013 | <.006
<.006 | <.002
<.002 | <.007
<.007 | <.003
<.003 | <.010
<.010 |
| 391231119442901 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 392231119442901 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.003 | <.007 | <.003 | <.010 |
| | | | | | | | | | | | | |
| 392414119474701 | < .007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | < .003 | <.010 |
| 392506119462201 | < .007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.004 | <.007 | E.002 | <.010 |
| 392509119451401 | | | | | | | | | | | | |
| 392614119454501 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 392627119481901 | | | | | | | | | | | | |
| | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| | <.007 | .122 | .119 | .145 | .113 | .116 | .114 | .086 | .096 | .093 | .075 | .107 |
| 392636119464401 | < .007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | < .003 | <.010 |
| | <.007 | .122 | .144 | .120 | .148 | .117 | .152 | .116 | .124 | .136 | .098 | .136 |
| 392718119463401 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 392809119465901 | <.007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 392927119475601 | < .007 | < .003 | < .004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | < .003 | <.010 |
| 393043119504901 | <.007 | <.003 | < .004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393045119500501 | <.007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | < .003 | <.010 |
| 393053119445601 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| | | | | | | | | | | | | |
| 393105119494001 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393108119415101 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393127119471101 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393145119452401 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393158119454301 | < .007 | < .003 | < .004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | < .003 | <.010 |
| 393203119472801 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| | | | | | | | | | | | | |
| | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393231119462901 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393715119403701 | <.007 | < .003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393739119432101 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 20201011040552 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |
| 393812119425701 | <.007 | <.003 | <.004 | <.035 | <.027 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Peb- | Pendi-
meth- | | | Pron- | | Pro- | Propar- | | Tebu- | Terba- | Terbu- |
|------------------------------------|------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | ulate,
water, | alin,
water, | Phorate
water | Prome-
ton, | amide,
water, | Propa-
chlor. | panil,
water, | gite,
water, | Sima-
zine, | thiuron
water | cil,
water, | fos,
water, |
| | fltrd | fltrd | fltrd | water, | fltrd | water, | fltrd | fltrd | water, | fltrd | fltrd | fltrd |
| Station number | 0.7u GF | 0.7u GF | 0.7u GF | fltrd, | 0.7u GF | fltrd, | 0.7u GF | 0.7u GF | fltrd, | 0.7u GF | 0.7u GF | 0.7u GF |
| | ug/L
(82669) | ug/L
(82683) | ug/L
(82664) | ug/L
(04037) | ug/L
(82676) | ug/L
(04024) | ug/L
(82679) | ug/L
(82685) | ug/L
(04035) | ug/L
(82670) | ug/L
(82665) | ug/L
(82675) |
| | (02009) | (02003) | (02004) | (04037) | (02070) | (04024) | (02075) | (02003) | (04033) | (02070) | (02003) | (02075) |
| 390802119445301 | <.004 | <.022 | <.011 | <.01 | < .004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 200042110454000 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 390943119474802
391004119433301 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 | <.010
<.010 | <.011
<.011 | <.02
<.02 | <.005
<.005 | <.02
<.02 | <.034
<.034 | <.02
<.02 |
| 391014119450701 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| 391105119481101 | | | | | | | | | | | | |
| 391128119415701 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 | <.010
<.010 | <.011
<.011 | <.02
<.02 | <.005
<.005 | <.02
<.02 | <.034
<.034 | <.02
<.02 |
| 391231119442901 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 392231119501901 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| 392414119474701 | <.004 | <.022 | <.011 | <.01 | < .004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 392506119462201 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 392509119451401
392614119454501 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 392627119481901 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | <.004 | <.022 | <.011 | <.01 | < .004 | <.010 | <.011 | <.02 | <.005 | < .02 | <.034 | <.02 |
| 392636119464401 | .101 | .087
<.022 | .081
<.011 | .12
<.01 | .111 | .121
<.010 | .117
<.011 | .10
<.02 | .090
<.005 | .11
<.02 | E.066
<.034 | .09
<.02 |
| 392030119404401 | .121 | .132 | .098 | .15 | .126 | .142 | .125 | E.17 | .103 | .14 | E.116 | .10 |
| 392718119463401 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| 392809119465901 | < .004 | <.022 | <.011 | <.01 | < .004 | <.010 | <.011 | <.02 | <.005 | < .02 | < .034 | <.02 |
| 392927119475601
393043119504901 | <.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 | <.010
<.010 | <.011
<.011 | <.02
<.02 | <.005
<.005 | <.02
<.02 | <.034
<.034 | <.02
<.02 |
| 393045119504901 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 393053119445601 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 393105119494001
393108119415101 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 | <.010
<.010 | <.011
<.011 | <.02
<.02 | <.005
<.005 | <.02
<.02 | <.034 | <.02
<.02 |
| 393127119471101 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 393145119452401 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| 393158119454301 | <.004
<.004 | <.022
<.022 | <.011
<.011 | < .01 | <.004
<.004 | <.010 | <.011 | <.02
<.02 | <.005 | <.02
<.02 | <.034 | <.02
<.02 |
| 393203119472801 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |
| 393231119462901 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | < .02 | <.034 | <.02 |
| 393715119403701 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 | <.010
<.010 | <.011
<.011 | <.02
<.02 | <.005
<.010 | <.02
<.02 | <.034
<.034 | <.02
<.02 |
| 393739119432101 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.010 | <.02 | <.034 | <.02 |
| 393812119425701 | <.004 | <.022 | <.011 | <.01 | <.004 | <.010 | <.011 | <.02 | <.005 | <.02 | <.034 | <.02 |
| | | | | | | | | | | | | |

| Station number | Thio-
bencarb
water
fltrd
0.7u GF
ug/L
(82681) | Tri-
allate,
water,
fltrd
0.7u GF
ug/L
(82678) | Tri-
flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82661) | 1,1,1,2
-Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562) | 1,1,1-
Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34506) | 1,1,2,2
-Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(34516) | CFC-113
water
unfltrd
ug/L
(77652) | 1,1,2-
Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34511) | 1,1-Di-
chloro-
ethane,
water
unfltrd
ug/L
(34496) | 1,1-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(34501) | 1,1-Di-
chloro-
propene
water
unfltrd
ug/L
(77168) | 1,2,3,4
Tetra-
methyl-
benzene
water
unfltrd
ug/L
(49999) |
|-----------------|--|--|---|--|--|--|--|--|--|---|--|--|
| 390802119445301 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| 330002213113301 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| 390943119474802 | <.005 | <.002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 391004119433301 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | < .06 | < .06 | < .04 | < .04 | <.05 | <.2 |
| 391014119450701 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 391105119481101 | | | | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| 331103113401101 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 391128119415701 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | E.02 | E.01 | <.05 | <.2 |
| 391231119442901 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | < .06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 392231119501901 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 392414119474701 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| 392506119462201 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 392509119451401 | | | | < .03 | <.03 | <.09 | <.06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 392614119454501 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | < .06 | < .06 | < .04 | < .04 | <.05 | <.2 |
| 392627119481901 | | | | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| | .116 | .114 | .096 | .45 | .47 | 1.12 | .48 | .54 | . 66 | .49 | .65 | 1.9 |
| 392636119464401 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | < .06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| | .135 | .126 | .095 | | | | | | | | | |
| 392718119463401 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 392809119465901 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 392927119475601 | <.005 | < .002 | <.009 | < .03 | < .03 | <.09 | < .06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 393043119504901 | <.005 | < .002 | <.009 | < .03 | E.04 | <.09 | <.06 | <.06 | <.04 | E.08 | <.05 | <.2 |
| 393045119500501 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 393053119445601 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| | | | | | | | | | | | | |
| 393105119494001 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | < .06 | < .06 | < .04 | < .04 | <.05 | <.2 |
| 393108119415101 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | < .04 | < .04 | <.05 | <.2 |
| 393127119471101 | <.005 | <.002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 393145119452401 | <.005 | <.002 | <.009 | <.03 | E.02 | <.09 | <.06 | <.06 | E.03 | < .04 | <.05 | <.2 |
| | <.005 | <.002 | <.009 | <.03 | E.02 | <.09 | <.06 | <.06 | E.02 | <.04 | <.05 | <.2 |
| 393158119454301 | <.005 | < .002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 393203119472801 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 |
| | <.005 | <.002 | <.009 | <.03 |
E.04 |
<.09 |
<.06 |
<.06 | <.04 |
E.06 |
<.05 | <.2 |
| | | | | | | | | | | | | |
| 393231119462901 | <.005 | <.002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 393715119403701 | <.005 | <.002 | <.009 | < .03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |
| 393739119432101 | <.005 | <.002 | <.009 | | | | | | | | | |
| 202012110425701 | <.005 | <.002 | <.009 | < .03 | < .03 | <.09 | < .06 | < .06 | < . 04 | < .04 | <.05 | <.2 |
| 393812119425701 | <.005 | <.002 | <.009 | <.03 | <.03 | <.09 | <.06 | <.06 | <.04 | < .04 | <.05 | <.2 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | 1,2,3,5 | 1,2,3- | 1,2,3- | 1,2,3- | 1,2,4- | 1,2,4- | | | | | a1,2-Di- | |
|-----------------|---------|---------|---------|---------|---------|--------------|---------|---------|---------|---------|----------|---------|
| | Tetra- | Tri- | Tri- | Tri- | Tri- | Tri- | Dibromo | 1,2-Di- | 1,2-Di- | 1,2-Di- | chloro- | 1,2-Di- |
| | methyl- | chloro- | chloro- | methyl- | chloro- | methyl- | chloro- | bromo- | chloro- | chloro- | ethane- | chloro- |
| | benzene | benzene | propane | benzene | benzene | benzene | propane | ethane, | benzene | ethane, | d4, sur | propane |
| | water | water | water | water | water | water | water | water, | water | water, | Sch2090 | water |
| Station number | | unfltrd | | unfltrd | unfltrd | | unfltrd | | unfltrd | | | unfltrd |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | pct rcv | ug/L |
| | (50000) | (77613) | (77443) | (77221) | (34551) | (77222) | (82625) | (77651) | (34536) | (32103) | (99832) | (34541) |
| 390802119445301 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | < .04 | < .03 | <.1 | 102 | <.03 |
| | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 101 | <.03 |
| 390943119474802 | <.2 | <.3 | < .16 | < .1 | <.1 | <.06 | <.5 | < .04 | < .03 | < .1 | 108 | <.03 |
| 391004119433301 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | < .04 | < .03 | < .1 | 110 | <.03 |
| 391014119450701 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | < .04 | <.03 | < .1 | 107 | <.03 |
| 391105119481101 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 100 | <.03 |
| | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 109 | <.03 |
| 391128119415701 | <.2 | <.3 | < .16 | < .1 | <.1 | <.06 | <.5 | < .04 | < .03 | < .1 | 114 | <.03 |
| 391231119442901 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | < .04 | < .03 | < .1 | 114 | <.03 |
| 392231119501901 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | < .04 | <.03 | < .1 | 109 | <.03 |
| 392414119474701 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 108 | <.03 |
| 392506119462201 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06
E.01 | <.5 | <.04 | <.03 | <.1 | 108 | <.03 |
| 392509119452201 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 103 | <.03 |
| 392614119454501 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 102 | <.03 |
| 392627119481901 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 104 | <.03 |
| | | | | | | | | | | | | |
| | <.2 | <.3 | < .16 | <.1 | < .1 | <.06 | <.5 | < .04 | <.03 | <.1 | 102 | <.03 |
| | 1.9 | 1.9 | 2.49 | 1.0 | 1.3 | .52 | 3.9 | .44 | .43 | 1.9 | 101 | .65 |
| 392636119464401 | <.2 | <.3 | <.16 | < .1 | <.1 | .15 | <.5 | <.04 | <.03 | < .1 | 110 | <.03 |
| 392718119463401 | | | | | |
 | | | | | | |
| 392/18119463401 | <.2 | <.3 | <.16 | <.1 | <.1 | E.06 | <.5 | <.04 | <.03 | <.1 | 114 | <.03 |
| 392809119465901 | <.2 | <.3 | <.16 | <.1 | <.1 | .12 | <.5 | < .04 | < .03 | < .1 | 109 | <.03 |
| 392927119475601 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | < .04 | <.03 | < .1 | 102 | <.03 |
| 393043119504901 | <.2 | <.3 | <.16 | < .1 | <.1 | E.03 | <.5 | < .04 | <.03 | < .1 | 133 | <.03 |
| 393045119500501 | <.2 | <.3 | <.16 | < .1 | <.1 | E.04 | <.5 | <.04 | <.03 | < .1 | 114 | <.03 |
| 393053119445601 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 108 | <.03 |
| | | | | | | | | | | | | |
| 393105119494001 | <.2 | <.3 | < .16 | < .1 | <.1 | E.03 | <.5 | < .04 | <.03 | < .1 | 129 | <.03 |
| 393108119415101 | <.2 | <.3 | <.16 | < .1 | <.1 | <.06 | <.5 | < .04 | < .03 | < .1 | 110 | <.03 |
| 393127119471101 | <.2 | <.3 | <.16 | < .1 | <.1 | E.02 | <.5 | < .04 | <.03 | < .1 | 144 | <.03 |
| 393145119452401 | <.2 | <.3 | < .16 | < .1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 129 | <.03 |
| | <.2 | <.3 | <.16 | <.1 | <.1 | E.04 | <.5 | <.04 | <.03 | <.1 | 128 | <.03 |
| 393158119454301 | <.2 | <.3 | <.16 | <.1 | <.1 | E.04 | <.5 | <.04 | <.03 | <.1 | 144 | <.03 |
| 393203119472801 | <.2 | <.3 | <.16 | <.1 | <.1 | E.04 | <.5 | <.04 | <.03 | <.1 | 96.1 | <.03 |
| | | | | | | | | | | | | |
| | <.2 | <.3 | <.16 | <.1 | <.1 | E.03 | <.5 | <.04 | <.03 | <.1 | 102 | <.03 |
| 393231119462901 | <.2 | <.3 | <.16 | <.1 | <.1 | E.04 | <.5 | <.04 | <.03 | <.1 | 110 | <.03 |
| 393715119403701 | <.2 | <.3 | <.16 | <.1 | <.1 | <.06 | <.5 | <.04 | <.03 | <.1 | 99.0 | <.03 |
| 393739119432101 | | | | | | | | | | | | |
| | <.2 | <.3 | < .16 | <.1 | <.1 | <.06 | <.5 | < .04 | < .03 | <.1 | 103 | <.03 |
| 393812119425701 | <.2 | <.3 | < .16 | <.1 | <.1 | <.06 | <.5 | < .04 | <.03 | < .1 | 105 | <.03 |
| | | | | | | | | | | | | |

| | 1,3,5- | | | | a14Bromo | | | | | | | |
|------------------------------------|------------------|--------------------|------------------|--------------------|---------------------|--------------------|------------------|------------------|------------------|------------------|-------------------|------------------|
| | Tri-
methyl- | 1,3-Di-
chloro- | chloro- | 1,4-Di-
chloro- | fluoro-
benzene | 2,2-Di-
chloro- | 2-
Chloro- | 2-
Ethyl- | 3-
Chloro- | 4-
Chloro- | 4-Iso-
propyl- | |
| | benzene
water | benzene
water | propane
water | benzene
water | surrog.
VOC Sch | propane
water | toluene
water | toluene
water | propene
water | toluene
water | toluene
water | Acetone
water |
| Station number | | unfltrd | | unfltrd | wat unf | unfltrd | | | unfltrd | | unfltrd | |
| | ug/L | ug/L | ug/L | ug/L | pct rcv | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (77226) | (34566) | (77173) | (34571) | (99834) | (77170) | (77275) | (77220) | (78109) | (77277) | (77356) | (81552) |
| 390802119445301 | <.04 | <.03 | <.1 | <.05 | 88.0 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 390943119474802 | <.04
<.04 | <.03
<.03 | <.1
<.1 | <.05
<.05 | <i>82.2</i>
97.8 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 |
| 391004119433301 | <.04 | <.03 | <.1 | <.05 | 83.8 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | < 7
< 7 |
| 391014119450701 | <.04 | <.03 | <.1 | <.05 | 80.0 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 391105119481101 | <.04 | <.03 | <.1 | <.05 | 94.7 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| | <.04 | <.03 | <.1 | <.05 | 90.7 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 391128119415701 | < .04 | <.03 | < .1 | <.05 | 90.1 | <.05 | < .04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 391231119442901 | < .04 | <.03 | < .1 | <.05 | 92.0 | <.05 | < .04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 392231119501901 | <.04 | <.03 | <.1 | <.05 | 74.2 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 392414119474701 | <.04 | <.03 | <.1 | <.05 | 95.5 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 392506119462201 | < . 04 | <.03 | < . 1 | < .05 | 89.1 | <.05 | < .04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 392509119451401 | <.04 | <.03 | < .1 | <.05 | 85.2 | <.05 | < .04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 392614119454501
392627119481901 | <.04
<.04 | <.03
<.03 | <.1
<.1 | <.05
<.05 | 86.4
<i>94.5</i> | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 |
| 392027119401901 | V.04 | V.05 | V.1 | V.05 | 24.3 | 2.05 | V.04 | 2.00 | V.12 | 2.05 | V.12 | ~ / |
| | <.04 | <.03 | <.1 | <.05 | 91.1 | <.05 | <.04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 392636119464401 | .44
<.04 | .42
<.03 | 1.1 | .42
<.05 | <i>94.0</i>
96.5 | .71
<.05 | .44
<.04 | .79
<.06 | 1.44
<.12 | .51
<.05 | .83
<.12 | 78
<7 |
| 392030119404401 | | | | | | | | | | | | |
| 392718119463401 | <.04 | <.03 | <.1 | <.05 | 101 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 392809119465901 | <.04 | <.03 | <.1 | <.05 | 98.2 | <.05 | < .04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 392927119475601 | <.04 | <.03 | <.1 | <.05 | 92.1 | <.05 | < .04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393043119504901 | <.04 | <.03 | <.1 | < .05 | 80.5 | < . 05 | < .04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393045119500501
393053119445601 | <.04
<.04 | <.03
<.03 | <.1
<.1 | <.05
<.05 | 72.7
95.5 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 |
| 393053119445601 | <.04 | <.03 | <.1 | <.05 | 95.5 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | < / |
| 202105110404001 | | | | | | | | | | | | |
| 393105119494001
393108119415101 | <.04
<.04 | <.03
<.03 | <.1
<.1 | <.05
<.05 | 77.9
91.2 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 |
| 393127119471101 | <.04 | <.03 | <.1 | <.05 | 83.7 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393145119452401 | <.04 | <.03 | <.1 | <.05 | 109 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| | <.04 | <.03 | <.1 | <.05 | 109 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393158119454301 | < .04 | <.03 | < .1 | < .05 | 82.7 | <.05 | < .04 | <.06 | <.12 | < .05 | <.12 | <7 |
| 393203119472801 | <.04 | <.03 | <.1 | <.05 | 92.9 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | E2 |
| | | | | | | | | | | | | |
| | <.04 | <.03 | <.1 | <.05 | 93.3 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393231119462901 | <.04 | <.03 | < .1 | <.05 | 77.1 | <.05 | < .04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393715119403701 | <.04 | <.03 | < .1 | <.05 | 92.8 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393739119432101 | <.04 | <.03 | <.1 | <.05 | 67.4 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| 393812119425701 | <.04 | <.03 | <.1 | <.05 | 66.0 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 |
| | | | | | | | | | | | | |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Acrylo-
nitrile
water | Benzene
water | Bromo-
benzene
water | Bromo-
chloro-
methane
water | Bromo-
di-
chloro-
methane
water | Bromo-
ethene,
water, | Bromo-
methane
water | Carbon
di-
sulfide
water | Chloro-
benzene
water | Chloro-
ethane,
water, | Chloro-
methane
water | cis-
1,2-Di-
chloro-
ethene,
water, |
|-----------------|-----------------------------|------------------|----------------------------|---------------------------------------|--|-----------------------------|----------------------------|-----------------------------------|-----------------------------|------------------------------|-----------------------------|---|
| Station number | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd |
| Deacion named | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (34215) | (34030) | (81555) | (77297) | (32101) | (50002) | (34413) | (77041) | (34301) | (34311) | (34418) | (77093) |
| 390802119445301 | <1 | <.04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 390943119474802 | <1 | <.04
<.04 | < . 04 | <.12
<.12 | <.05
<.05 | < . 1 | <.3
<.3 | <.07
<.07 | <.03
<.03 | < . 1 | <.2 | <.04 |
| 391004119433301 | <1
<1 | <.04 | <.04
<.04 | <.12 | <.05 | <.1
<.1 | <.3 | <.07 | <.03 | <.1
<1.2 | <.2
<.2 | <.04
<.04 |
| 391004119433301 | <1 | <.04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 331014113430701 | \1 | V.04 | <.04 | V.12 | <.05 | \. <u>+</u> | ٧.5 | <.07 | <.05 | \. <u>+</u> | ٧.2 | V.04 |
| 391105119481101 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | < .03 | < .1 | <.2 | <.04 |
| 391128119415701 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 391231119442901 | <1 | < . 04 | < .04 | < .12 | < . 05 | < . 1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 392231119501901 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 392414119474701 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | < .07 | < .03 | < .1 | <.2 | <.04 |
| 392506119462201 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | < .07 | < .03 | < .1 | <.2 | <.04 |
| 392509119451401 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 392614119454501 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 392627119481901 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | <1 | <.04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | 24 | .51 | .43 | 1.81 | .46 | 2.0 | E4.3 | .58 | .46 | 1.2 | E3.2 | .46 |
| 392636119464401 | <1 | <.04 | < .04 | < .12 | 3.85 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| | | | | | | | | | | | | |
| 392718119463401 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 392809119465901 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 | <.04 |
| 392927119475601 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | < .07 | < .03 | < .1 | <.2 | <.04 |
| 393043119504901 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 | <.04 |
| 393045119500501 | <1 | <.04 | < .04 | < .12 | 2.58 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 393053119445601 | <1 | <.04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | | | | | | | | | | | | |
| 393105119494001 | <1 | <.04 | < .04 | < .12 | 3.41 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 393108119415101 | <1 | < . 04 | < .04 | < .12 | <.05 | < . 1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 393127119471101 | <1 | < . 04 | < .04 | < .12 | < .05 | < . 1 | <.3 | <.07 | < . 03 | < .1 | <.2 | <.04 |
| 393145119452401 | <1 | <.04 | <.04 | <.12 | 2.47 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | <1 | <.04 | <.04 | <.12 | 2.47 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 393158119454301 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 393203119472801 | <1 | <.04 | <.04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| | | | | | | | | | | | | |
| | <1 | <.04 | <.04 | <.12 | 4.62 | <.1 | <.3 | <.07 | <.03 | <.1 | <.2 | <.04 |
| 393231119462901 | <1 | <.04 | < .04 | < .12 | 11.0 | <.1 | <.3 | <.07 | < .03 | < .1 | <.2 | <.04 |
| 393715119403701 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | < .03 | <.1 | <.2 | <.04 |
| 393739119432101 | | | | | | | | | | | | |
| | <1 | <.04 | < .04 | <.12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |
| 393812119425701 | <1 | <.04 | < .04 | < .12 | <.05 | <.1 | <.3 | <.07 | <.03 | < .1 | <.2 | <.04 |

| Station number | cis-
1,3-Di-
chloro-
propene
water
unfltrd
ug/L | Di-
bromo-
chloro-
methane
water
unfltrd
ug/L | Di-
bromo-
methane
water
unfltrd
ug/L | Di-
chloro-
di-
fluoro-
methane
wat unf
ug/L | Di-
chloro-
methane
water
unfltrd
ug/L | Di-
ethyl
ether,
water,
unfltrd
ug/L | Diiso-
propyl
ether,
water,
unfltrd
ug/L | Ethyl
methac-
rylate,
water,
unfltrd
ug/L | Ethyl
methyl
ketone,
water,
unfltrd
ug/L | Ethyl-
benzene
water
unfltrd
ug/L | Hexa-
chloro-
buta-
diene,
water,
unfltrd
ug/L | Hexa-
chloro-
ethane,
water,
unfltrd
ug/L |
|------------------------------------|---|---|--|--|---|---|---|--|---|---|--|--|
| | (34704) | (32105) | (30217) | (34668) | (34423) | (81576) | (81577) | (73570) | (81595) | (34371) | (39702) | (34396) |
| 390802119445301 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 390943119474802 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 391004119433301
391014119450701 | <.09
<.09 | <.2 | <.05
<.05 | <.18
<.18 | <.2 | <.2
<.2 | <.10
<.10 | <.2
<.2 | <5.0
<5.0 | <.03
<.03 | <.1
<.1 | <.2 |
| 331011113130701 | 1.05 | \.Z | 1.05 | V.10 | 1.2 | 1.2 | 1.10 | 1.2 | ~5.0 | 1.05 | ` | 1.2 |
| 391105119481101 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 391128119415701 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 391231119442901 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 392231119501901 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 392414119474701 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 392506119462201 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | < .10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 392509119451401 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | < .10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 392614119454501 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 392627119481901 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| | . 77 | 1.6 | .47 | E5.01 | 1.6 | 1.5 | .84 | 2.4 | 37.9 | .46 | .9 | 1.6 |
| 392636119464401 | <.09 | . 8 | <.05 | <.18 | M
 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 392718119463401 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 392809119465901 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 392927119475601 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393043119504901 | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393045119500501 | <.09 | .5 | <.05 | <.18 | M | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393053119445601 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| | | | | | | | | | | | | |
| 393105119494001 | <.09 | .5 | < .05 | <.18 | M | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393108119415101 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393127119471101 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393145119452401 | <.09 | 2.0 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| | <.09 | 2.1 | E.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 393158119454301 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393203119472801 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | E.01 | <.1 | <.2 |
| | | | | | | | | | | | | |
| | <.09 | 4.1 | E.08 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 393231119462901 | <.09 | 7.0 | E.06 | <.18 | M | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |
| 393715119403701 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393739119432101 | | | | | | | | | | | | |
| | <.09 | <.2 | < .05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | < .03 | <.1 | <.2 |
| 393812119425701 | <.09 | <.2 | <.05 | <.18 | <.2 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Iodo- | Iso-
butyl
methyl | Iso-
propyl- | Meth-
acrylo- | Methyl
acryl- | Methyl
methac- | Methyl
tert-
pentyl | meta-
+ para- | Naphth- | | n-Butyl | n-
propyl- |
|------------------------------------|-----------------|-------------------------|-----------------|------------------|------------------|-------------------|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | methane | ketone, | benzene | nitrile | ate, | rylate, | ether, | Xylene, | alene, | ketone, | benzene | benzene |
| C+ -+ : | water | water, | water | water | water, | water, | water, | water, | water, | water, | water | water |
| Station number | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfltrd
ug/L | unfitra
uq/L | unfltrd
ug/L | unfltrd
ug/L |
| | (77424) | (78133) | (77223) | (81593) | (49991) | (81597) | (50005) | (85795) | (34696) | (77103) | (77342) | (77224) |
| | (//424) | (70133) | (77223) | (01333) | (40001) | (01337) | (30003) | (03733) | (34030) | (77103) | (11342) | (77224) |
| 390802119445301 | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | <.35 | <.4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 390943119474802 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | < .08 | <.06 | <.5 | < .7 | <.2 | <.04 |
| 391004119433301 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 391014119450701 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 201105110401101 | 2.5 | | 0.0 | < . 6 | 2.0 | 2 | 0.0 | 0.0 | - | <.7 | <.2 | 0.4 |
| 391105119481101 | <.35
<.35 | < . 4 | <.06
<.06 | | <2.0
<2.0 | <.3
<.3 | <.08
<.08 | <.06
<.06 | <.5
<.5 | | <.2 | <.04
<.04 |
| 391128119415701 | <.35 | <.4 | < .06 | <.6
<.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7
<.7 | <.2 | <.04 |
| 391231119442901 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 392231119501901 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | | | | | | | | | | | | |
| 392414119474701 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | <.08 | < .06 | <.5 | <.7 | <.2 | <.04 |
| 392506119462201 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | < .08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 392509119451401 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | < .08 | <.06 | <.5 | < .7 | <.2 | <.04 |
| 392614119454501 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 392627119481901 | <.35 | <.4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | | | | _ | | _ | | | _ | _ | _ | |
| | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 392636119464401 | E2.63 | 4.3 | .44 | 9.6 | 24.3 | 6.0 | . 95 | 1.04 | 3.5 | 6.4
<.7 | 1.3 | .42 |
| 392636119464401 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | < . / | <.2 | <.04 |
| 392718119463401 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 332710113403401 | ٧.55 | | 1.00 | V.0 | 12.0 | \.J | <.00 | 1.00 | \.J | · · · | 1.2 | V.01 |
| 392809119465901 | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | < . 7 | <.2 | <.04 |
| 392927119475601 | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | < .08 | <.06 | <.5 | < .7 | <.2 | <.04 |
| 393043119504901 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | <.08 | < .06 | <.5 | <.7 | <.2 | <.04 |
| 393045119500501 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | < .08 | <.06 | <.5 | < .7 | <.2 | <.04 |
| 393053119445601 | <.35 | < . 4 | < .06 | < .6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 393105119494001
393108119415101 | <.35
<.35 | < . 4 | <.06
<.06 | <.6
<.6 | <2.0
<2.0 | <.3
<.3 | <.08 | <.06
<.06 | <.5
<.5 | <.7
<.7 | <.2
<.2 | <.04 |
| 393108119415101 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5
<.5 | <.7 | <.2 | <.04
<.04 |
| 393145119452401 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 555115115152101 | ٧.55 | | 1.00 | 1.0 | 12.0 | \.J | 1.00 | V.00 | | ., | 1.2 | V.01 |
| | <.35 | < . 4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 393158119454301 | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 393203119472801 | <.35 | <.4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | E.03 | <.5 | <.7 | <.2 | <.04 |
| | | | | | | | | | | | | |
| | <.35 | < . 4 | < .06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | | | | _ | | | | | _ | _ | | |
| 393231119462901 | <.35 | < . 4 | < .06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 393715119403701
393739119432101 | <.35 | < . 4 | <.06 | < . 6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| JJJ / JJ1174341U1 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| 393812119425701 | <.35 | <.4 | <.06 | <.6 | <2.0 | <.3 | <.08 | <.06 | <.5 | <.7 | <.2 | <.04 |
| | | | | | | | | | | | | |

| Station number | o-
Xylene,
water,
unfltrd
ug/L
(77135) | sec-
Butyl-
benzene
water
unfltrd
ug/L
(77350) | Styrene
water
unfltrd
ug/L
(77128) | t-Butyl
ethyl
ether,
water,
unfltrd
ug/L
(50004) | Methyl
t-butyl
ether,
water,
unfltrd
ug/L
(78032) | tert-
Butyl-
benzene
water
unfltrd
ug/L
(77353) | Tetra-
chloro-
ethene,
water,
unfltrd
ug/L
(34475) | Tetra-
chloro-
methane
water
unfltrd
ug/L
(32102) | Tetra-
hydro-
furan,
water,
unfltrd
ug/L
(81607) | Toluene
water
unfltrd
ug/L
(34010) | aToluene
-d8,
surrog,
Sch2090
wat unf
percent
recovry
(99833) | trans-
1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(34546) |
|-----------------|---|--|--|--|---|---|--|---|--|--|--|---|
| 390802119445301 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 97.2 | <.03 |
| | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 94.7 | <.03 |
| 390943119474802 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | E.03 | <.06 | <2 | <.05 | 102 | <.03 |
| 391004119433301 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 98.9 | <.03 |
| 391014119450701 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 101 | <.03 |
| 391105119481101 | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | E.01 | 97.3 | . 02 |
| 391105119481101 | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2
E2 | <.01 | 97.3 | <.03
<.03 |
| 391128119415701 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | ===
<2 | <.05 | 101 | <.03 |
| 391231119442901 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | E1 | <.05 | 101 | <.03 |
| 392231119442901 | <.07 | <.06 | < .04 | <.05 | E.1 | <.10 | <.03 | <.06 | <2 | <.05 | 101 | <.03 |
| 332231113301301 | <.07 | <.00 | <.04 | <.05 | D.1 | <.10 | <.05 | <.00 | \Z | <.05 | 101 | V.05 |
| 392414119474701 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | <.05 | 97.3 | <.03 |
| 392506119462201 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 97.3 | <.03 |
| 392509119451401 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 97.6 | <.03 |
| 392614119454501 | <.07 | <.06 | < .04 | < .05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 98.0 | <.03 |
| 392627119481901 | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 98.9 | <.03 |
| | | | | | | | | | | | | |
| | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | E.03 | <.06 | <2 | < .05 | 97.3 | <.03 |
| | .58 | .43 | .15 | .42 | 1.8 | .86 | .96 | .86 | 19 | .46 | 100 | .45 |
| 392636119464401 | < .07 | <.06 | < .04 | < .05 | <.2 | <.10 | < .03 | < .06 | <2 | < .05 | 96.8 | <.03 |
| | | | | | | | | | | | | |
| 392718119463401 | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 98.8 | <.03 |
| 392809119465901 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | < .06 | <2 | < .05 | 97.7 | <.03 |
| 392927119475601 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 98.9 | <.03 |
| 393043119504901 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 103 | <.03 |
| 393045119500501 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | E.04 | <.06 | <2 | < .05 | 94.7 | <.03 |
| 393053119445601 | <.07 | <.06 | < .04 | < .05 | <.2 | <.10 | E.08 | <.06 | <2 | < .05 | 97.2 | <.03 |
| | | | | | | | | | | | | |
| 393105119494001 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | .40 | <.06 | <2 | < .05 | 99.3 | <.03 |
| 393108119415101 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 99.1 | <.03 |
| 393127119471101 | < .07 | <.06 | < .04 | <.05 | <.2 | <.10 | .11 | <.06 | <2 | < .05 | 104 | <.03 |
| 393145119452401 | <.07 | <.06 | < .04 | <.05 | E.1 | <.10 | E.10 | <.06 | <2 | < .05 | 102 | <.03 |
| | | | | | | | | | | | | |
| | <.07 | <.06 | <.04 | <.05 | E.1 | <.10 | E.10 | <.06 | <2 | <.05 | 102 | <.03 |
| 393158119454301 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | < .05 | 104 | <.03 |
| 393203119472801 | <.07 | <.06 | <.04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | E.01 | 95.6 | <.03 |
| | | | | | | | | | | | | |
| | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | .66 | <.06 | <2 | <.05 | 96.4 | <.03 |
| 393231119462901 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | .12 | <.06 | <2 | <.05 | 94.8 | <.03 |
| 393715119403701 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | <.03 | <.06 | <2 | <.05 | 98.1 | <.03 |
| 393739119432101 | | | | | | | | | | | | |
| 555755115452101 | <.07 | <.06 | < .04 | <.05 | <.2 | <.10 | < .03 | <.06 | <2 | <.05 | 84.9 | <.03 |
| 393812119425701 | <.07 | <.06 | < . 04 | <.05 | <.2 | <.10 | E.01 | <.06 | <2 | <.05 | 84.1 | <.03 |
| | | | | | | | | | | | | |

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | trans-
1,3-Di-
chloro-
propene
water | trans-
1,4-Di-
chloro-
2-
butene, | Tri-
bromo-
methane
water | Tri-
chloro-
ethene,
water, | Tri-
chloro-
fluoro-
methane
water | Tri-
chloro-
methane
water | Vinyl
chlor-
ide,
water, | Deu-
terium/
Protium
ratio,
water, | O-18 /
O-16
ratio,
water, | Rn-222
2-sigma
water | Rn-222,
water, | Tritium
2-sigma
water |
|-----------------|--|---|------------------------------------|--------------------------------------|--|-------------------------------------|-----------------------------------|--|------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Station number | unfltrd
ug/L
(34699) | wat unf
ug/L
(73547) | unfltrd
ug/L
(32104) | unfltrd
ug/L
(39180) | unfltrd
ug/L
(34488) | unfltrd
ug/L
(32106) | unfltrd
ug/L
(39175) | unfltrd
per mil
(82082) | unfltrd
per mil
(82085) | unfltrd
pCi/L
(76002) | unfltrd
pCi/L
(82303) | unfltrd
pCi/L
(75985) |
| 390802119445301 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | -111 | -14.79 | 29 | 820 | .58 |
| | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | | | 29 | 760 | |
| 390943119474802 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | -109 | -14.93 | 46 | 2440 | .64 |
| 391004119433301 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | E.3 | -122 | -16.03 | 48 | 2540 | .58 |
| 391014119450701 | <.09 | <.7 | < .10 | <.04 | <.09 | <.02 | <.1 | -110 | -15.19 | 55 | 3640 | .58 |
| 391105119481101 | <.09 | <.7 | <.10 | <.04 | <.09 | E.01 | <.1 | | | | | |
| | <.09 | <.7 | <.10 | < .04 | <.09 | E.01 | < .1 | -108 | -14.55 | 79 | 7990 | .64 |
| 391128119415701 | <.09 | <.7 | < .10 | < .04 | <.09 | E.02 | <.1 | -112 | -14.55 | 47 | 2770 | .58 |
| 391231119442901 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 51 | 3060 | .58 |
| 392231119501901 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 22 | 300 | .58 |
| 392414119474701 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | | | 25 | 560 | .58 |
| 392506119462201 | <.09 | <.7 | <.10 | <.04 | <.09 | E.04 | <.1 | | | 34 | 1180 | .58 |
| 392509119451401 | <.09 | <.7 | <.10 | < .04 | <.09 | <.02 | <.1 | | | 27 | 620 | 1.0 |
| 392614119454501 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | | | 39 | 1270 | .58 |
| 392627119481901 | <.09 | <.7 | <.10 | <.04 | <.09 | E.04 | <.1 | | | | | |
| | | | | | | | | | | | | |
| | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 41 | 1890 | 1.0 |
| | 1.14 | 6.0 | 1.64 | .44 | 2.17 | .49 | 1.1 | | | | | |
| 392636119464401 | <.09 | <.7 | .10 | E.06 | <.09 | 19.0 | <.1 | -94.20
 | -12.46 | 31 | 900 | .83 |
| 392718119463401 | <.09 | <.7 | <.10 | <.04 | <.09 | E.03 | <.1 | | | 32 | 1020 | .70 |
| 392809119465901 | <.09 | <.7 | <.10 | < .04 | <.09 | E.02 | <.1 | | | 32 | 1000 | .58 |
| 392927119475601 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 27 | 550 | .58 |
| 393043119504901 | <.09 | <.7 | < .10 | < .04 | <.09 | E.04 | <.1 | | | 32 | 920 | .58 |
| 393045119500501 | <.09 | <.7 | .13 | < .04 | <.09 | 15.3 | <.1 | | | 34 | 1140 | .64 |
| 393053119445601 | <.09 | <.7 | < .10 | < .04 | <.09 | E.08 | <.1 | | | 27 | 370 | .83 |
| | | | | | | | | | | | | |
| 393105119494001 | <.09 | <.7 | E.08 | < .04 | <.09 | 18.8 | <.1 | -90.60 | -11.65 | 33 | 1010 | |
| 393108119415101 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 25 | 470 | .58 |
| 393127119471101 | <.09 | <.7 | <.10 | E.07 | <.09 | <.02 | <.1 | | | 27 | 600 | .58 |
| 393145119452401 | <.09 | <.7 | 1.01 | E.09 | <.09 | 5.02 | <.1 | | | 29 | 680 | .83 |
| | <.09 | <.7 | 1.00 | E.09 | <.09 | 5.06 | <.1 | | | 29 | 680 | |
| 393158119454301 | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | | | 26 | 590 | .58 |
| 393203119472801 | <.09 | <.7 | <.10 | <.04 | <.09 | E.03 | <.1 | | | 17 | 30 | |
| | | | | | | | | | | | | .64 |
| | <.09 | <.7 | 2.34 | 1.15 | <.09 | 8.26 | <.1 | | | 27 | 540 | 1.3 |
| 393231119462901 | <.09 | <.7 | 2.31 | <.04 | <.09 | 21.7 | <.1 | | | 25 | 460 | .83 |
| 393715119403701 | <.09 | <.7 | <.10 | < .04 | <.09 | <.02 | <.1 | -117 | -14.84 | 23 | 360 | .58 |
| 393739119432101 | | | | | | | | | | | | |
| | <.09 | <.7 | < .10 | < .04 | <.09 | <.02 | <.1 | -120 | -15.30 | 32 | 1000 | .58 |
| 393812119425701 | <.09 | <.7 | <.10 | <.04 | <.09 | <.02 | <.1 | | | 24 | 410 | .64 |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Station | number | Tritium
water
unfltrd
pCi/L
(07000) | Uranium
natural
water,
fltrd,
ug/L
(22703) |
|--------------------------|--------|---|---|
| 3908021194 | 45301 | 2 | 5.00
5.01 |
| 3909431194 | | 3.0 | 1.26 |
| 3910041194
3910141194 | | .2 | E.01
30.9 |
| 3911051194 | 81101 | | .08 |
| 3911281194 | | 7.9
.5 | 26.4
3.07 |
| 3912311194 | | .1
1.6 | 9.48
4.57 |
| 3922311195 | 01901 | 1.6 | 4.57 |
| 3924141194 | | 1.0 | 2.83 |
| 3925061194 | | .2 | 3.42 |
| 3925091194 | | 15.4 | .16 |
| 3926141194
3926271194 | | 2.8 | 4.99
<.02 |
| 3320271134 | 01301 | | V.02 |
| | | 15.1 | 4.52 |
| 3926361194 | 64401 | 12.3 | .95 |
| 3927181194 | 63401 | 2.2 | 2.91 |
| 3928091194 | 65901 | 3.7 | 2.47 |
| 3929271194 | | 1.0 | .13 |
| 3930431195 | | 6.7 | 1.89 |
| 3930451195 | 00501 | 9.1 | 2.20 |
| 3930531194 | 45601 | 9.2 | .83 |
| | | | . 83 |
| 3931051194 | 94001 | | 1.59 |
| 3931081194 | | 3 | .33 |
| 3931271194 | 71101 | .3 | .05 |
| 3931451194 | 52401 | 10.3 | 2.12 |
| | | | 2.13 |
| 3931581194 | | .2 | .04 |
| 3932031194 | 72801 | | <.02 |
| | | 8.2
19.1 |
5.43 |
| | | 17.1 | 5.45 |
| 3932311194 | | 12.3 | 2.35 |
| 3937151194 | | .1 | .28 |
| 3937391194 | 32101 | .3 | 2.26 |
| 3938121194 | 25701 | 2.0 | 8.00 |

Remark codes used in this report:
< -- Less than
E -- Estimated value

 $[\]mbox{\bf M}$ -- Presence verified, not quantified

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical metho

QUALITY OF GROUND WATER

NATIONAL WATER-QUALITY ASSESSMENT

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) Carbonate Aquifer Major Aquifer Study to monitor conditions in the carbonate aquifer of eastern Nevada and western Utah. Data in this table are from southern and eastern Nevada. <u>Depths and Water Levels</u>: Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 30 and 37.

| Station | number | Local | Identifi | cation | | Date | Time | Sampl
type | e | Depth of well, feet below LSD | below
LSD | Flow
rate of
well,
gal/min
(00058) |
|--|--|---|--|---|---|---|---|---|--|-------------------------------|---------------------------------|--|
| 3623211142 | | 215 | S18 E68 0
S18 E68 0 | 7ABB 1 | | 06-05-03
06-05-03 | 0800
0930 | FIELD BI
ENVIRONM | IENTAL | 10. |
5.0 | 1.0 |
| 3625071145
3628351161 | | 230 | S18 E63 0
S17 E50 1
S17 E50 1 | 5ABDA1 | | 06-04-03
07-29-03
07-29-03 | 0930
0930
1000 | ENVIRONM
ENVIRONM
REPLICAT | IENTAL | 1979. 7
15. | 760.00
1.00
 | .50
 |
| 3633321152
3635301160
3642351144 | 21401 | 225 | S16 E58 1
S16 E53 0
S14 E65 2 | 5ADB 1 | | 06-17-03
05-29-03
07-30-03 | 0930
0900
0900 | ENVIRONM
ENVIRONM
ENVIRONM | IENTAL | 930. 8
1953.
10. | 315.00

1.00 | 24
350
.50 |
| 3646501144
3647411145 | | | S13 E65 2
S13 E63 2 | | | 07-08-03
05-28-03 | 1130
0930 | ENVIRONM
ENVIRONM | | 478. 3
628. | 394.00 | 40
20 |
| 3731551151
3805311145
3807581152 | 34201 | 181 | S05 E60 1
N03 E63 2
N03 E59 1 | 7CAA 1 | | 06-03-03
06-19-03
06-25-03 | 0930
1000
0900 | ENVIRONM
ENVIRONM
ENVIRONM | IENTAL | | 2.0
847.00
798.00 | 1.0
26
30 |
| 3811151162
3828071145 | | | N04 E50 2
N07 E63 1 | | | 07-31-03
07-10-03 | 0800
0900 | ENVIRONM
ENVIRONM | | 20.
460. 2 | 15.0
220.00 | .50
60 |
| 3837441141
3855211145
3856041154 | 03601
15101 | 179 N
173B N | 09 E69 19
12 E63 12
12 E56 05 | AB 1
ACB 1 | | 08-06-03
07-16-03
08-07-03 | 0815
0945
0915 | ENVIRONM
ENVIRONM
ENVIRONM | IENTAL
IENTAL | 20.
948. 4
20. | 1.0
128.00
9.0 |
40
.50 |
| 3913451145 | 35501 | 179 N | 16 E63 29
16 E63 29
16 E63 29 | AAAA1 | | 08-05-03
08-05-03 | 0700
0930
0945 | FIELD BL
ENVIRONM
REPLICAT | IENTAL | 7. | 5.00 | .50 |
| 4001191152
4047591161 | | 176 N
051 N | 25 E58 29
34 E51 25
34 E51 25 | ABDC3
CCBC1 | | 09-10-03
08-26-03
08-26-03 | 1500
1000
1030 | ENVIRONM
ENVIRONM
REPLICAT | IENTAL
IENTAL | 350. 1
1484. | 29.43 | .50
2200
 |
| 4127031145 | 00601 | | 41 E63 10
41 E63 10 | | | 08-27-03 | 1315
1320 | ENVIRONM
SPIKE | IENTAL | 2. | .50 | .50 |
| Station number | Tur-
bidity,
water,
unfltrd
field,
NTU
(61028) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conductance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | water,
fltrd,
mg/L | sium,
water
fltrd
mg/L | Sodium,
, water,
, fltrd,
mg/L |
| 362321114252601 | | | | | | | | | .68 | .010 | 0 <.16 | .11 |
| 362507114572701
362835116192101 | .2
.1
.4
 | 723
697
709
 | 1.5
1.9
1.8 | 22
26
25 | 6.9
7.2
7.3 | 4150
1480
695 | 35.0
37.0
28.0 | 30.8
27.2
29.4 | 490
111
47.3 | 162
50.1
20.3 | 26.0
12.9
7.76 | 353
106
67.6 |
| 363332115244001
363530116021401
364235114425401
364650114432001 | 6.6
.2
.3 | 676
685
721
710 | 1.7
2.5
2.5
3.0 | 23
37
36
42 | 7.7
7.3
7.3
7.2 | 377
621
984
944 | 35.0
32.0
31.0
35.0 | 24.7
30.6
31.8
28.6 | 34.6
45.7
69.0
61.3 | 17.6
21.3
28.4
26.4 | 7.58
5.21
11.0
11.3 | |
| 364741114532801
373155115135801 | .2 | 712 | 2.0 | 31 | 7.3 | 782 | 30.0 | 35.5 | 48.7 | 21.0 | 12.6 | 83.7 |
| 380531114534201
380758115204601
381115116222101 | .9
.8
.6
.2 | 668
627
631
632 | 1.1
.2
2.0
.6 | 16
3
28
14 | 7.4
6.9
7.6
6.4 | 491
657
402
1400 | 37.0
28.0
20.0
22.0 | 27.8
29.8
23.1
53.3 | 43.3
79.7
38.4
77.2 | 19.0
30.1
19.3
23.5 | 7.35
4.45 | 18.8
17.4 |
| 382807114521001 | 36 | 749 | 1.2 | 12 | 7.8 | 388 | 28.0 | 13.0 | 37.0 | 21.2 | 5.88 | 13.3 |
| 383744114160901
385521114503601
385604115415101
391345114535501 | .2
12
.3 | 690
594
629
 | 6.3
5.9
1.3 | 73
71
22 | 7.3
7.5
7.3 | 662
432
593 | 17.0
35.0
18.0 | 17.8
12.2
32.2 | 93.8
67.5
62.1 | 18.2
13.4
19.3 | 1.85
2.00
5.84 | 8.22
28.5 |
| 2212421143333011 | .2 | 605 | 6.0 | 75 | 7.6 | 370 | 18.0 | 15.0 | 45.1 | 17.2 | .76 | 3.54 |
| 400119115274802
404759116115401 | 1.3
.2 | 612
633
 | 2.7
.2
 | 33
3
 | 7.7
6.8
 | 330
664
 | 15.0
22.0 | 13.7
30.5 | 30.2
59.0
61.8 | 11.2
20.0
21.0 | 3.98
10.8
11.2 | 15.8
35.3
<i>36.8</i> |
| 412703114500601 | 4.7 | 618 | 3.0 | 38 | 7.4 | 384 | 25.0 | 16.3 | 45.2 | 11.3 | 8.14 | 19.5 |

QUALITY OF GROUND WATER NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Alka- | Bicar- | | | | | | | Ammonia | | Nitrite | |
|---|--|---|---|--|---|---|--|---|--|--|--|--|
| | linity,
wat flt | bonate,
wat flt | | Chlor- | Fluor- | | | on
evap. | +
org-N, | Ammonia | +
nitrate | Nitrite |
| | inc tit | incrm. | Bromide | ide, | ide, | Silica, | Sulfate | at | water, | water, | water | water, |
| | field, | titr., | water, | water, | water, | water, | water, | 180degC | fltrd, | fltrd, | fltrd, | fltrd, |
| Station number | mg/L as | field, | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | wat flt | mg/L | mg/L | mg/L | mg/L |
| | CaCO3
(39086) | mg/L
(00453) | mg/L
(71870) | mg/L
(00940) | mg/L
(00950) | mg/L
(00955) | mg/L
(00945) | mg/L
(70300) | as N
(00623) | as N
(00608) | as N
(00631) | as N
(00613) |
| | (33000) | (00433) | (71070) | (00340) | (00330) | (00555) | (00343) | (70300) | (00023) | (00000) | (00031) | (00013) |
| 362321114252601 | | | <.02 | <.20 | <.2 | .47 | <.2 | <10 | <.10 | <.04 | <.06 | <.008 |
| 362507114572701 | 130
179 | 159
219 | .21 | 374
154 | 1.5 | 17.7
18.8 | 1910
329 | 3680
984 | <.10
<.10 | E.03 | .21 | <.008 |
| 362835116192101 | 243 | 296 | .13 | 21.2 | 1.6 | 24.2 | 78.1 | 401 | E.05 | <.04 | <.30 | <.008 |
| | | | | | | | | | | | | |
| 363332115244001 | 140 | 100 | 10 | T 00 | | 05.0 | 21.4 | 020 | 10 | 0.4 | 0.0 | 0.00 |
| 363530116021401 | 149
205 | 182
250 | .12 | 7.20
39.2 | .8
1.0 | 25.8
20.4 | 31.4
52.2 | 230
352 | <.10
<.10 | <.04
<.04 | .09 | <.008 |
| 364235114425401 | 220 | 267 | .19 | 62.1 | 2.1 | 30.4 | 179 | 617 | <.10 | <.04 | .41 | <.008 |
| 364650114432001 | 215 | 262 | .20 | 61.5 | 2.2 | 31.6 | 158 | 591 | <.10 | < .04 | .48 | <.008 |
| 364741114532801 | 247 | 294 | .19 | 35.7 | 2.0 | 35.7 | 93.1 | 476 | <.10 | <.04 | .29 | <.008 |
| 373155115135801 | 206 | 251 | .09 | 8.53 | . 4 | 24.7 | 32.0 | 280 | <.10 | <.04 | .26 | <.008 |
| 380531114534201 | 330 | 403 | .07 | 6.37 | .6 | 27.4 | 21.1 | 377 | E.06 | <.04 | E.05 | <.008 |
| 380758115204601 | 184 | 225 | .07 | 6.00 | . 4 | 36.6 | 21.9 | 252 | <.10 | < .04 | .64 | <.008 |
| 381115116222101 | 567 | 690 | .13 | 30.7 | 3.4 | 53.5 | 94.0 | 834 | .24 | .20 | <.06 | <.008 |
| 382807114521001 | 156 | 190 | .15 | 14.7 | <.2 | 45.6 | 17.1 | 251 | <.10 | < .04 | 1.38 | E.004 |
| 383744114160901 | 254 | 310 | .25 | 39.9 | <.2 | 50.3 | 23.6 | 418 | <.10 | < .04 | 2.85 | <.008 |
| 385521114503601 | 203 | 248 | .04 | 5.81 | . 2 | 19.1 | 19.9 | 261 | E.09 | < .04 | .85 | <.008 |
| 385604115415101 | 258 | 315 | .07 | 8.06 | .6 | 28.2 | 45.5 | 368 | <.10 | < .04 | <.06 | <.008 |
| 391345114535501 | 100 | 220 | .04 | | | | 10.6 | 214 | | | | <.008 |
| | 180 | 220 | .04 | 3.37 | <.2 | 9.21 | 10.6 | 214 | <.10 | <.04 | .66 | <.008 |
| | | | | | | | | | | | | |
| 400119115274802 | 119 | 145 | .09 | 11.9 | .2 | 44.7 | 17.9 | 221 | <.10 | < .04 | .74 | .008 |
| 404759116115401 | 264 | 322 | .06
.06 | 12.8
12.8 | .7
.8 | 25.4
25.4 | 57.4
57.6 | 417
411 | .10
.06 | .04 | .05
.10 | .008 |
| 412703114500601 | 144 | 176 | .06 | 9.88 | .3 | 6.18 | 30.6 | 290 | <.10 | < . 04 | .72 | <.008 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Ortho- | | Colipge | Colipge | | Total | | | | | | |
| | phos- | Organia | F-spec, | som, Ec | E coli | coli- | Alum | Anti | | | Powell | |
| | phos-
phate, | Organic | F-spec,
FAMP, | som, Ec
CN13hst | E coli,
MI MF. | coli-
form, | Alum- | Anti- | Arsenic | Barium. | Beryll- | Boron. |
| | phos- | Organic
carbon,
water, | F-spec, | som, Ec | E coli,
MI MF,
water, | coli- | Alum-
inum,
water, | Anti-
mony,
water, | Arsenic water, | Barium,
water, | Beryll-
ium,
water, | Boron,
water, |
| Station number | phos-
phate,
water,
fltrd,
mg/L | carbon,
water,
fltrd, | F-spec,
FAMP,
2-step,
pres(1)
abs(2) | som, Ec
CN13hst
2-step,
pres(1)
abs(2) | MI MF,
water,
col/ | coli-
form,
MI MF,
water,
col/ | inum,
water,
fltrd, | mony,
water,
fltrd, | water,
fltrd, | water,
fltrd, | ium,
water,
fltrd, | water,
fltrd, |
| Station number | phos-
phate,
water,
fltrd,
mg/L
as P | carbon,
water,
fltrd,
mg/L | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L | MI MF,
water,
col/
100 mL | coli-
form,
MI MF,
water,
col/
100 mL | inum,
water,
fltrd,
ug/L | mony,
water,
fltrd,
ug/L | water,
fltrd,
ug/L | water,
fltrd,
ug/L | ium,
water,
fltrd,
ug/L | water,
fltrd,
ug/L |
| Station number | phos-
phate,
water,
fltrd,
mg/L | carbon,
water,
fltrd, | F-spec,
FAMP,
2-step,
pres(1)
abs(2) | som, Ec
CN13hst
2-step,
pres(1)
abs(2) | MI MF,
water,
col/ | coli-
form,
MI MF,
water,
col/ | inum,
water,
fltrd, | mony,
water,
fltrd, | water,
fltrd, | water,
fltrd, | ium,
water,
fltrd, | water,
fltrd, |
| Station number
362321114252601 | phos-
phate,
water,
fltrd,
mg/L
as P | carbon,
water,
fltrd,
mg/L | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L | MI MF,
water,
col/
100 mL | coli-
form,
MI MF,
water,
col/
100 mL | inum,
water,
fltrd,
ug/L | mony,
water,
fltrd,
ug/L | water,
fltrd,
ug/L | water,
fltrd,
ug/L | ium,
water,
fltrd,
ug/L | water,
fltrd,
ug/L |
| 362321114252601 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | MI MF,
water,
col/
100 mL
(90901) | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum, water, fltrd, ug/L (01106) 3 <3 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60 | water,
fltrd,
ug/L
(01000)
<.3
45.7 | water,
fltrd,
ug/L
(01005)
M
10 | ium,
water,
fltrd,
ug/L
(01010)
<.06
<.12 | water,
fltrd,
ug/L
(01020)
<7
1390 |
| 362321114252601
362507114572701 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | MI MF,
water,
col/
100 mL
(90901) | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum, water, fltrd, ug/L (01106) 3 <3 <2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1 | water,
fltrd,
ug/L
(01005)
M
10
29 | ium,
water,
fltrd,
ug/L
(01010)
<.06
<.12
<.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286 |
| 362321114252601 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | MI MF,
water,
col/
100 mL
(90901)

<1
<1
<1
<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum,
water,
fltrd,
ug/L
(01106)
3
<3
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30
E.29 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5 | water,
fltrd,
ug/L
(01005)
M
10
29
57 | ium,
water,
fltrd,
ug/L
(01010)
<.06
<.12
<.06
<.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335 |
| 362321114252601
362507114572701 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335) | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332) | MI MF,
water,
col/
100 mL
(90901) | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum, water, fltrd, ug/L (01106) 3 <3 <2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1 | water,
fltrd,
ug/L
(01005)
M
10
29 | ium,
water,
fltrd,
ug/L
(01010)
<.06
<.12
<.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286 |
| 362321114252601
362507114572701
362835116192101
363332115244001 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01 | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3
.4
.5 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)

2
2
2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)

2
2
2 | MI MF,
water,
col/
100 mL
(90901)

<1
<1
<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)

<1
<1
<1
<1 | inum,
water,
fltrd,
ug/L
(01106)
3
<3
<2
<2
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30
E.29
E.28 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5
16.8 | water,
fltrd,
ug/L
(01005)
M
10
29
57
53 | ium, water, fltrd, ug/L (01010) <.06 <.12 <.06 <.06 <.06 <.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335
328 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01
<.02 | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3
<.4
.5 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)

2
2
2
2
2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)

2
2
2
2
2 | MI MF,
water,
col/
100 mL
(90901)

<1
<1
<1
<1
<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum,
water,
fltrd,
ug/L
(01106)
3
<3
<2
<2
<2
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30
E.29
E.28 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5
16.8 | water,
fltrd,
ug/L
(01005)
M
10
29
57
53
116
89 | ium, water, fltrd, ug/L (01010) <.06 <.12 <.06 <.06 <.06 <.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335
328
125
238 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01
<.02
<.02 | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3
<.4
.5 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)

2
2
2
2
2
2
2 | MI MF, water, col/ 100 mL (90901) <1 <1 <1 <-1 <-1 <-1 <-1 <-1 <-1 <-1 <-1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900)

<1
<1
<1
<1
 | inum,
water,
fltrd,
ug/L
(01106)
3
<3
<2
<2
<2
<2
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30
E.29
E.28 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5
16.8
23.6
10.3
16.5 | water,
fltrd,
ug/L
(01005)
M
10
29
57
53
116
89
42 | ium,
water,
fltrd,
ug/L
(01010)
<.06
<.12
<.06
<.06
<.06
<.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335
328
125
238
291 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01
<.02 | carbon,
water,
fltrd,
mg/L
(00681)
16.7
<.3
<.3
<.4
.5 | F-spec,
FAMP,
2-step,
pres(1)
abs(2)
/L
(99335)

2
2
2
2
2
2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)

2
2
2
2
2 | MI MF,
water,
col/
100 mL
(90901)

<1
<1
<1
<1
<1 | coli-
form,
MI MF,
water,
col/
100 mL
(90900) | inum,
water,
fltrd,
ug/L
(01106)
3
<3
<2
<2
<2
<2
<2 | mony,
water,
fltrd,
ug/L
(01095)
<.30
<.60
<.30
E.29
E.28 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5
16.8 | water,
fltrd,
ug/L
(01005)
M
10
29
57
53
116
89 | ium, water, fltrd, ug/L (01010) <.06 <.12 <.06 <.06 <.06 <.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335
328
125
238 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01
<.02
<.02
<.02
<.02
<.02 | carbon, water, fltrd, mg/L (00681) 16.7 < .3 < .3 | F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335) 2 2 2 2 2 2 2 2 2 2 2 2 2 | som, Ec
CN13hst
2-step,
pres(1)
abs(2)
/L
(99332)

2
2
2
2
2
2
2
2
2
2 | MI MF, water, col/ 100 mL (90901) <1 <1 <1 <-1 <-1 <-1 <-1 <-1 <-1 <- | coli-
form,
MI MF,
water,
col/
100 mL
(90900)

<1
<1
<1
<1

<1
<1
<1
<1
<1
<1
<1
<1
<1
<1
<1
<1
<1 | inum, water, fltrd, ug/L (01106) 3 <3 <2 <2 <2 <2 E1 <2 2 <2 <2 | mony, water, fltrd, ug/L (01095) <.30 <.60 <.30 E.29 E.28 .31 <.30 .39 .48 .68 | water,
fltrd,
ug/L
(01000)
<.3
45.7
3.1
16.5
16.8
23.6
10.3
16.5
13.5 | water,
fltrd,
ug/L
(01005)
M
10
29
57
53
116
89
42
32
63 | ium, water, fltrd, ug/L (01010) <.06 <.12 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water,
fltrd,
ug/L
(01020)
<7
1390
286
335
328
125
238
291
293
318 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801 | phos-
phate,
water,
fltrd,
mg/L
as P
(00671)

<.02
<.54

E.01
<.02
<.02
<.02
<.02
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fltrd,
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| 362321114252601
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water,
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ug/L
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as P
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QUALITY OF GROUND WATER

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Cadmium
water,
fltrd,
ug/L
(01025) | Chrom-
ium,
water,
fltrd,
ug/L
(01030) | Cobalt
water,
fltrd,
ug/L
(01035) | Copper,
water,
fltrd,
ug/L
(01040) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Lithium
water,
fltrd,
ug/L
(01130) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) |
|------------------------------------|--|---|---|--|--|--|--|--|---|--|---|--|
| 362321114252601 | <.04 | <.8 | <.01 | .3 | <8 | <.08 | <.5 | E.1 | <.3 | .17 | <.5 | <.20 |
| 260505114550501 | .08 | E.5 | 1.28 | 10.6 | <24 | <.16 | 1050 | < . 4 | 22.6 | 15.7 | 3.0 | <.40 |
| 362507114572701
362835116192101 | .04
<.04 | E.4
<.8 | .31 | 2.4 | 60
E7 | <.08
<.08 | 137
78.0 | 6.1 | 9.6
7.4 | 3.62
1.72 | 1.5
E.4 | <.20
<.20 |
| | <.04 | <.8 | .08 | . 3 | | .12 | 78.9 | .2 | 7.3 | 1.43 | .6 | <.20 |
| 363332115244001 | <.04 | <.8 | .83 | .2 | 531 | .21 | 14.3 | 36.8 | 5.3 | 2.83 | E.4 | <.20 |
| 363530116021401 | <.04 | <.8 | .12 | 1.0 | 39 | .18 | 50.1 | .3 | 5.2 | 3.26 | E.4 | <.20 |
| 364235114425401 | E.03 | E.6 | .19 | .9 | E7 | <.08 | 133 | .3 | 7.7 | 1.88 | .8 | <.20 |
| 364650114432001
364741114532801 | E.02 | 1.0 | .14
.09 | 1.2 | 375
12 | .37
1.78 | 133
118 | 3.6
1.0 | 6.9
5.7 | 2.21
1.89 | 1.1 | <.20
<.20 |
| | | | | | | | | | | | | |
| 373155115135801
380531114534201 | <.04
E.02 | <.8
<.8 | .11 | .5
.4 | E4
1890 | E.04
.95 | 24.0
28.9 | <.2
37.8 | 5.6
5.6 | .84
5.25 | .6
E.3 | <.20
<.20 |
| 380758115204601 | <.04 | E.5 | .22 | .3 | 586 | .18 | 17.2 | 8.9 | 5.6 | 3.18 | 1.4 | <.20 |
| 381115116222101 | <.04 | <.8 | .15 | .6 | 58 | E.04 | 618 | 8.6 | E.3 | 1.15 | <.5 | <.20 |
| 382807114521001 | <.04 | E.5 | .10 | E.2 | 54 | <.08 | 10.3 | 28.0 | . 4 | 1.11 | 1.0 | <.20 |
| 383744114160901 | E.02 | <.8 | .25 | .9 | <8 | E.06 | 14.7 | <.2 | E.3 | 1.60 | 1.6 | <.20 |
| 385521114503601
385604115415101 | <.04
<.04 | E.7 | .16
.18 | 1.3 | 58
<8 | E.05
E.05 | 6.1
70.9 | 6.0
E.2 | 1.2 | 2.60
1.39 | .9
<.5 | <.20
<.20 |
| 391345114535501 | <.04 | <.8 | <.01 | 1.5 | | <.08 | <.5 | .3 | <.3 | .28 | <.5 | <.20 |
| | <.04 | 1.2 | .17 | 1.0 | <8 | E.05 | 3.6 | .2 | .8 | 1.05 | 1.0 | <.20 |
| | | | | | | | | | | | | |
| 400119115274802 | <.04 | 2.5 | .10 | .5 | <8 | <.08 | 8.1 | 20.6 | 2.3 | .97 | 1.6 | <.20 |
| 404759116115401 | .04
E.03 | <.8
<.8 | .14 | .6
.4 | 45
46 | <.08
<.08 | 189
189 | 2.4 | 4.1
4.1 | 2.79
2.80 | 1.1
1.2 | <.20
<.20 |
| 412703114500601 | <.04 | <.8 | .10 | E.2 | 9 | <.08 | 15.9 | 1.5 | 3.9 | 1.74 | 1.3 | <.20 |
| | | | | | | | | | | | | |
| | Stront-
ium,
water, | Thall-
ium,
water, | Vanad-
ium,
water, | Zinc,
water, | 2,6-Di-
ethyl-
aniline
water
fltrd | CIAT,
water, | Aceto-
chlor,
water, | Ala-
chlor,
water, | alpha-
HCH,
water, | alpha-
HCH-d6,
surrog,
wat flt
0.7u GF | Atra-
zine,
water, | Azin-
phos-
methyl,
water,
fltrd |
| Station number | fltrd,
ug/L
(01080) | fltrd,
ug/L
(01057) | fltrd,
ug/L
(01085) | fltrd,
ug/L
(01090) | 0.7u GF
ug/L
(82660) | fltrd,
ug/L
(04040) | fltrd,
ug/L
(49260) | fltrd,
ug/L
(46342) | fltrd,
ug/L
(34253) | percent
recovry
(91065) | fltrd,
ug/L
(39632) | 0.7u GF
ug/L
(82686) |
| 362321114252601 | .69
8200 | <.04
.27 | E.1
3.2 | М
9 | <.006
<.006 | <.006
<.006 | <.006
<.006 | <.004
<.004 | <.005
<.005 | <i>84.7</i>
85.9 | <.007
<.007 | <.050
<.050 |
| 362507114572701 | 4030 | .12 | 1.1 | 13 | <.006 | <.006 | <.006 | <.004 | <.005 | 88.6 | <.007 | <.050 |
| 362835116192101 | 907 | .38 | 1.2 | M | <.006 | <.006 | <.006 | <.004 | <.005 | 98.3 | <.007 | <.050 |
| | 902 | .47 | 1.4 | М | | | | | | | | |
| 363332115244001 | 756 | E.03 | 2.4 | 7 | <.006 | <.006 | <.006 | <.004 | <.005 | 107 | <.007 | <.050 |
| 363530116021401
364235114425401 | 831 | .08 | 3.0 | 2 | <.006 | <.006 | <.006 | <.004 | <.005 | 91.8 | <.007 | <.050 |
| 364235114425401 | 1110
1010 | .24 | 2.9 | 3
8 | <.006
<.006 | <.006
<.006 | <.006
<.006 | <.004
<.004 | <.005
<.005 | 109
85.3 | <.007
<.007 | <.050
<.050 |
| 364741114532801 | 741 | .14 | 4.1 | 217 | <.006 | <.006 | <.006 | <.004 | <.005 | 101 | <.007 | <.050 |
| 373155115135801 | 257 | .27 | 1.5 | М | <.006 | <.006 | <.006 | <.004 | <.005 | 105 | <.007 | <.050 |
| 380531114534201 | 405 | 2.55 | 8.4 | 26 | <.006 | <.006 | <.006 | <.004 | <.005 | 93.7 | <.007 | <.050 |
| 380758115204601 | 240 | . 73 | 3.8 | 5 | <.006 | <.006 | <.006 | <.004 | <.005 | 98.3 | <.007 | <.050 |
| 381115116222101
382807114521001 | 2480
206 | .11
<.04 | .8
2.5 | 1
2 | <.006
<.006 | <.006
<.006 | <.006
<.006 | <.004
<.004 | <.005
<.005 | 110
96.4 | <.007
<.007 | <.050
<.050 |
| | | | | | | | | | | | | |
| 383744114160901
385521114503601 | 471
234 | <.04
<.04 | 8.5
2.9 | 6
3 | <.006
<.006 | <.006
<.006 | <.006
<.006 | <.004
<.004 | <.005
<.005 | 91.2
103 | <.007
<.007 | <.050
<.050 |
| 385604115415101 | 381 | .21 | .8 | M | <.006 | <.006 | <.006 | <.004 | <.005 | 83.2 | <.007 | <.050 |
| 391345114535501 | 1.30 | <.04 | <.1 | 10 | | | | | | | | |
| | 210 | E.03 | 1.5 | 2 | <.006 | <.006 | <.006 | <.004 | <.005 | 87.7 | <.007 | <.050 |
| | | | | | | | | | | | | |
| 400119115274802 | 183 | < . 04 | 7.0 | M | <.006 | <.006 | <.006 | <.004 | <.005 | 78.8 | <.007 | <.050 |
| 404759116115401 | 382
<i>386</i> | .35
.36 | 2.2 | 17
16 | <.006
<.006 | <.006
<.006 | <.006
<.006 | <.004
<.004 | <.005
<.005 | 92.7
<i>90.7</i> | <.007
<.007 | <.050
<.050 |
| 412703114500601 | 223 | <.04 | 7.5 | <1 | <.006 | <.006 | <.006 | <.004 | <.005 | 94.5 | <.007 | <.050 |
| | | | | | .131 | E.051 | .139 | .103 | .127 | 94.4 | .144 | E.142 |

QUALITY OF GROUND WATER NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Ben- | | | | | cis- | | | Desulf- | | ^a Diazi- | |
|--|---|---|---|--|--|---|---|--|--|--|---|--|
| | flur- | | Car- | Carbo- | a1 3 | Per- | ~ | 2022 | inyl | <u>.</u> | non-d10 | D: 1 |
| | alin,
water, | Butyl-
ate, | baryl,
water, | furan,
water, | Chlor-
pyrifos | methrin
water | Cyana-
zine, | DCPA,
water | fipro-
nil, | Diazi-
non, | surrog.
wat flt | Diel-
drin, |
| | fltrd | water, | fltrd | fltrd | water, | fltrd | water, | fltrd | water, | water, | 0.7u GF | water, |
| Station number | 0.7u GF | fltrd, | 0.7u GF | 0.7u GF | fltrd, | 0.7u GF | fltrd, | 0.7u GF | fltrd, | fltrd, | percent | fltrd, |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | recovry | ug/L |
| | (82673) | (04028) | (82680) | (82674) | (38933) | (82687) | (04041) | (82682) | (62170) | (39572) | (91063) | (39381) |
| 362321114252601 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 98.2 | <.005 |
| 302321111232001 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 94.7 | <.005 |
| 362507114572701 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 88.1 | <.005 |
| 362835116192101 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 107 | <.005 |
| | | | | | | | | | | | | |
| 363332115244001 | <.010 | <.002 | <.041 | <.050 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 126 | <.005 |
| 363530116021401 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 91.8 | <.005 |
| 364235114425401 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 112 | <.005 |
| 364650114432001 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 92.0 | <.005 |
| 364741114532801 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 109 | <.005 |
| 373155115135801 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 113 | <.005 |
| 380531114534201 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 100 | <.005 |
| 380758115204601 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 99.1 | <.005 |
| 381115116222101 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 119 | <.005 |
| 382807114521001 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 97.3 | <.005 |
| 383744114160901 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 108 | <.005 |
| 385521114503601 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 104 | <.005 |
| 385604115415101 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 93.8 | <.005 |
| 391345114535501 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 112 | <.005 |
| | <.010 | <.002 | <.041 | <.020 | <.005 | <.000 | <.010 | <.003 | <.004 | <.005 | 112 | <.005 |
| | | | | | | | | | | | | |
| 400119115274802 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 97.4 | <.005 |
| 404759116115401 | <.010
<.010 | <.002
<.002 | <.041
<.041 | <.020
<.020 | <.005
<.005 | <.006
<.006 | <.018
<.018 | <.003
<.003 | <.004
<.004 | <.005
<.005 | 99.1
<i>92.7</i> | <.005
<.005 |
| 412703114500601 | <.010 | <.002 | <.041 | <.020 | <.005 | <.006 | <.018 | <.003 | <.004 | <.005 | 104 | <.005 |
| | | | | | | | | | | | | |
| | .110 | .129 | E.237 | E.218 | .121 | .047 | .149 | .136 | <.004 | .133 | 101 | .112 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | Ethal- | | Desulf- | | | | | | | |
| | Disul- | | flur- | Etho- | inyl- | Fipro- | Fipro- | | | | | w 1 |
| | foton, | EPTC, | flur-
alin, | prop, | inyl-
fipro- | nil | nil | Fipro- | Forofos | Lindane | Linuron | Mala- |
| | foton,
water, | water, | flur-
alin,
water, | prop,
water, | inyl-
fipro-
nil | nil
sulfide | nil
sulfone | nil, | | Lindane
water, | water | thion, |
| Station number | foton, | | flur-
alin, | prop, | inyl-
fipro- | nil | nil | | Fonofos
water,
fltrd, | Lindane
water,
fltrd, | | |
| Station number | foton,
water,
fltrd | water,
fltrd | flur-
alin,
water,
fltrd | prop,
water,
fltrd | inyl-
fipro-
nil
amide, | nil
sulfide
water, | nil
sulfone
water, | nil,
water, | water, | water, | water
fltrd | thion,
water, |
| Station number | foton,
water,
fltrd
0.7u GF | water,
fltrd
0.7u GF | flur-
alin,
water,
fltrd
0.7u GF | prop,
water,
fltrd
0.7u GF | inyl-
fipro-
nil
amide,
wat flt | nil
sulfide
water,
fltrd, | nil
sulfone
water,
fltrd, | nil,
water,
fltrd, | water,
fltrd, | water,
fltrd, | water
fltrd
0.7u GF | thion,
water,
fltrd, |
| | foton,
water,
fltrd
0.7u GF
ug/L
(82677) | water,
fltrd
0.7u GF
ug/L
(82668) | flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82663) | prop,
water,
fltrd
0.7u GF
ug/L
(82672) | inyl-
fipro-
nil
amide,
wat flt
ug/L
(62169) | nil
sulfide
water,
fltrd,
ug/L
(62167) | nil
sulfone
water,
fltrd,
ug/L
(62168) | nil,
water,
fltrd,
ug/L
(62166) | water,
fltrd,
ug/L
(04095) | water,
fltrd,
ug/L
(39341) | water
fltrd
0.7u GF
ug/L
(82666) | thion,
water,
fltrd,
ug/L
(39532) |
| Station number
362321114252601 | foton,
water,
fltrd
0.7u GF
ug/L | water,
fltrd
0.7u GF
ug/L | flur-
alin,
water,
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0.7u GF
ug/L | prop,
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nil
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| | foton,
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<.005 | inyl-
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<.009 | nil
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ug/L
(62168) | nil,
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ug/L
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| 362321114252601 | foton,
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| 362321114252601
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| 362321114252601
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362835116192101 | foton,
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(39532)
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| 362321114252601
362507114572701 | foton,
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alin,
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ug/L
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fltrd
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ug/L
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fltrd
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(82666)
<.035
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<.035 | thion,
water,
fltrd,
ug/L
(39532)
<.027
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| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | foton,
water,
fltrd
0.7u GF
ug/L
(82677)
<.02
<.02
<.02
<.02

<.02
<.02
<.02 | water,
fltrd
0.7u GF
ug/L
(82668)
<.002
<.002
<.002

<.002
<.002
<.002
<.002
<.002 | flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 | prop,
water,
fltrd
0.7u GF
ug/L
(82672)
<.005
<.005
<.005

<.005
<.005
<.005
<.005 | inyl- fipro- nil amide, wat flt ug/L (62169) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 | mil
sulfide
water,
fltrd,
ug/L
(62167)
<.005
<.005
<.005

<.005
<.005
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<.005 | nil
sulfone
water,
fltrd,
ug/L
(62168)
<.005
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| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364450114432001 364450114432001 364741114532801 373155115135801 380531114534201 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 3855041154115101 391345114535501 | foton, water, fltrd 0.7u GF ug/L (82677) <.02 <.02 <.02 <.02 <.02 <.02 <.02 <.0 | water, fltrd 0.7u GF ug/L (82668) <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 <.002 | flur- alin, water, fltrd 0.7u GF ug/L (82663) <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 <.009 | prop, water, water, water, water, water, was many to the way/L (82672) <.005 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QUALITY OF GROUND WATER

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | Methyl | | | | | | | | Pendi- | | | |
|---|--|---|--|---|--|--|---|---|--|---|--|---|
| | para- | Motolo | Motori | Moli- | Naprop- | | Dame | Peb- | meth- | Dhomoto | Dagomo | Pron- |
| | thion,
water, | Metola-
chlor, | Metri-
buzin, | nate,
water, | amide,
water, | p,p'-
DDE, | Para-
thion, | ulate,
water, | alin,
water, | Phorate
water | Prome-
ton, | amide,
water, |
| | fltrd | water, | water, | fltrd | fltrd | water, | water, | fltrd | fltrd | fltrd | water, | fltrd |
| Station number | 0.7u GF | fltrd, | fltrd, | 0.7u GF | 0.7u GF | fltrd, | fltrd, | 0.7u GF | 0.7u GF | 0.7u GF | fltrd, | 0.7u GF |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (82667) | (39415) | (82630) | (82671) | (82684) | (34653) | (39542) | (82669) | (82683) | (82664) | (04037) | (82676) |
| 362321114252601 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 362507114572701 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 362835116192101 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| | | | | | | | | | | | | |
| 363332115244001 | <.006 | <.013 | <.007 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 363530116021401 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 364235114425401 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 364650114432001
364741114532801 | < .006 | <.013
<.013 | <.006
<.006 | <.002 | <.007
<.007 | <.003
<.003 | <.010 | <.004
<.004 | <.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 |
| 304/41114332001 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 373155115135801 | <.006 | <.013 | <.006 | <.004 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 380531114534201 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 380758115204601 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 381115116222101 | <.006
<.006 | <.013
<.013 | <.006
<.006 | <.002
<.002 | < .007 | <.003
<.003 | <.010
<.010 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 |
| 382807114521001 | <.006 | <.013 | <.006 | ₹.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 383744114160901 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 385521114503601 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 385604115415101 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 391345114535501 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| | 1.000 | 1.015 | <.000 | 1.002 | V.007 | V.005 | 1.010 | V.001 | | 1.011 | 1.01 | 1.001 |
| | | | | | | | | | | | | |
| 400119115274802 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| 404759116115401 | <.006
<.006 | <.013
<.013 | <.006
<.006 | <.002
<.002 | <.007
<.007 | <.003
<.003 | <.010
<.010 | <.004
<.004 | <.022
<.022 | <.011
<.011 | <.01
<.01 | <.004
<.004 |
| 412703114500601 | <.006 | <.013 | <.006 | <.002 | <.007 | <.003 | <.010 | <.004 | <.022 | <.011 | <.01 | <.004 |
| | | | | | | | | | | | | |
| | .138 | .143 | .116 | .132 | .111 | .054 | .144 | .126 | .108 | .085 | .13 | .132 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | Tri- | 1,1,1,2 | 1,1,1- |
| | _ | Pro- | Propar- | a: | Tebu- | Terba- | Terbu- | Thio- | Tri- | flur- | -Tetra- | Tri- |
| | Propa- | panil, | gite, | Sima- | thiuron | cil, | fos, | bencarb | allate, | flur-
alin, | -Tetra-
chloro- | Tri-
chloro- |
| | chlor, | panil,
water, | gite,
water, | zine, | thiuron
water | cil,
water, | fos,
water, | bencarb
water | allate,
water, | flur-
alin,
water, | -Tetra-
chloro-
ethane, | Tri-
chloro-
ethane, |
| Station number | | panil, | gite, | | thiuron | cil, | fos, | bencarb | allate, | flur-
alin, | -Tetra-
chloro- | Tri-
chloro-
ethane,
water, |
| Station number | chlor,
water,
fltrd,
ug/L | panil,
water,
fltrd
0.7u GF
ug/L | gite,
water,
fltrd
0.7u GF
ug/L | zine,
water,
fltrd,
ug/L | thiuron
water
fltrd
0.7u GF
ug/L | cil,
water,
fltrd
0.7u GF
ug/L | fos,
water,
fltrd
0.7u GF
ug/L | bencarb
water
fltrd
0.7u GF
ug/L | allate,
water,
fltrd
0.7u GF
ug/L | flur-
alin,
water,
fltrd
0.7u GF
ug/L | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L | Tri-
chloro-
ethane,
water,
unfltrd
ug/L |
| Station number | chlor,
water,
fltrd, | panil,
water,
fltrd
0.7u GF | gite,
water,
fltrd
0.7u GF | zine,
water,
fltrd, | thiuron
water
fltrd
0.7u GF | cil,
water,
fltrd
0.7u GF | fos,
water,
fltrd
0.7u GF | bencarb
water
fltrd
0.7u GF | allate,
water,
fltrd
0.7u GF | flur-
alin,
water,
fltrd
0.7u GF | -Tetra-
chloro-
ethane,
water,
unfltrd | Tri-
chloro-
ethane,
water,
unfltrd |
| | chlor,
water,
fltrd,
ug/L
(04024) | panil,
water,
fltrd
0.7u GF
ug/L
(82679) | gite,
water,
fltrd
0.7u GF
ug/L
(82685) | zine,
water,
fltrd,
ug/L
(04035) | thiuron
water
fltrd
0.7u GF
ug/L
(82670) | cil,
water,
fltrd
0.7u GF
ug/L
(82665) | fos,
water,
fltrd
0.7u GF
ug/L
(82675) | bencarb
water
fltrd
0.7u GF
ug/L
(82681) | allate,
water,
fltrd
0.7u GF
ug/L
(82678) | flur-
alin,
water,
fltrd
0.7u GF
ug/L
(82661) | -Tetra-
chloro-
ethane,
water,
unfltrd
ug/L
(77562) | Tri-
chloro-
ethane,
water,
unfltrd
ug/L
(34506) |
| Station number
362321114252601 | chlor,
water,
fltrd,
ug/L | panil,
water,
fltrd
0.7u GF
ug/L | gite,
water,
fltrd
0.7u GF
ug/L | zine,
water,
fltrd,
ug/L | thiuron
water
fltrd
0.7u GF
ug/L | cil,
water,
fltrd
0.7u GF
ug/L | fos,
water,
fltrd
0.7u GF
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ug/L | allate,
water,
fltrd
0.7u GF
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water,
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0.7u GF
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chloro-
ethane,
water,
unfltrd
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chloro-
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| | chlor,
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fltrd,
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(04024) | panil,
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(82679) | gite,
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water
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(82681)
<.005 | allate,
water,
fltrd
0.7u GF
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(82678)
<.002 | flur-
alin,
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<.009 | -Tetra-
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ethane,
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chloro-
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| 362321114252601 | chlor,
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| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 380531114534201 380758115204601 381115116222101 382744121001 383744114160901 385521114503601 385504115415101 391345114535501 | chlor, water, fltrd, ug/L (04024) <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 <.010 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QUALITY OF GROUND WATER NATIONAL WATER-QUALITY ASSESSMENT--Continued

| | 1,1,2,2
-Tetra-
chloro-
ethane,
water, | CFC-113 | 1,1,2-
Tri-
chloro-
ethane,
water, | chloro-
ethane,
water | 1,1-Di-
chloro-
ethene,
water, | chloro-
propene
water | Tetra-
methyl-
benzene
water | water | benzene
water | 1,2,3-
Tri-
chloro-
propane
water | 1,2,3-
Tri-
methyl-
benzene
water | 1,2,4-
Tri-
chloro-
benzene
water |
|--|--|--|--|---|---|--|---|--|---|---|--|--|
| Station number | unfltrd
ug/L
(34516) | unfltrd
ug/L
(77652) | unfitrd
ug/L
(34511) | unfltrd
ug/L
(34496) | unfitrd
ug/L
(34501) | unfitrd
ug/L
(77168) | unfltrd
ug/L
(49999) | unfitrd
ug/L
(50000) | unfltrd
ug/L
(77613) | unfltrd
ug/L
(77443) | unfitrd
ug/L
(77221) | unfitrd
ug/L
(34551) |
| 362321114252601 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 362507114572701 | <.09
<.09 | <.06
<.06 | <.06
<.06 | <.04
<.04 | <.04
<.04 | <.05
<.05 | <.2
<.2 | <.2
<.2 | <.3
<.3 | <.16
<.16 | <.1
<.1 | <.1
<.1 |
| 362835116192101 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| | | | | | | | | | | | | |
| 262222115044001 | 0.0 | 0.5 | 0.0 | 0.4 | 0.4 | 0.5 | 0 | п 1 | 2 | 1.0 | 1 | 1 |
| 363332115244001
363530116021401 | <.09
<.09 | <.06
<.06 | <.06
<.06 | <.04
<.04 | <.04
<.04 | <.05
<.05 | .2
<.2 | E.1
<.2 | <.3
<.3 | <.16
<.16 | .1
<.1 | <.1
<.1 |
| 364235114425401 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 364650114432001 | <.09 | <.06 | < .06 | < .04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 364741114532801 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 373155115135801 | <.09 | <.06 | <.06 | < .04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 380531114534201 | <.09 | <.06 | < .06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | < .16 | <.1 | <.1 |
| 380758115204601 | <.09 | < . 06 | < .06 | < .04 | < . 04 | <.05 | <.2 | <.2 | <.3 | < .16 | <.1 | <.1 |
| 381115116222101
382807114521001 | <.09
<.09 | <.06
<.06 | <.06
<.06 | <.04
<.04 | <.04
<.04 | <.05
<.05 | <.2
<.2 | <.2
<.2 | <.3
<.3 | <.16
<.16 | <.1
<.1 | <.1
<.1 |
| 302007114321001 | ۷.05 | <.00 | <.00 | V.04 | V.04 | <.05 | \.Z | V.2 | V.3 | <.10 | \. <u>.</u> . | \. <u>+</u> |
| 383744114160901 | <.09 | <.06 | < .06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | < .16 | <.1 | <.1 |
| 385521114503601 | <.09 | < . 06 | < .06 | < .04 | < . 04 | <.05 | <.2 | <.2 | <.3 | < .16 | <.1 | <.1 |
| 385604115415101
391345114535501 | <.09
<.09 | <.06
<.06 | <.06
<.06 | <.04
<.04 | <.04
<.04 | <.05
<.05 | <.2
<.2 | <.2
<.2 | <.3
<.3 | <.16
<.16 | <.1
<.1 | <.1
<.1 |
| 331343114333301 | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| | | | | | | | | | | | | |
| 400119115274802 |
<.09 |
<.06 |
<.06 | <.04 |
<.04 |
<.05 | <.2 | <.2 | <.3 |
<.16 |
<.1 |
<.1 |
| 404759116115401 | <.09 | <.06 | <.06 | < .04 | < . 04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| | <.09 | <.06 | <.06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | <.16 | <.1 | <.1 |
| 412703114500601 | <.09 | <.06 | < .06 | <.04 | <.04 | <.05 | <.2 | <.2 | <.3 | < .16 | <.1 | <.1 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 1 2 4 | | | | | a1 2 D: | | 1 2 5 | | | | a1 / Ducama |
| | 1,2,4-
Tri- | Dibromo | 1.2-Di- | 1.2-Di- | | a1,2-Di-
chloro- | 1.2-Di- | 1,3,5-
Tri- | 1.3-Di- | 1.3-Di- | | a14Bromo
fluoro- |
| | 1,2,4-
Tri-
methyl- | Dibromo
chloro- | 1,2-Di-
bromo- | 1,2-Di-
chloro- | | chloro- | 1,2-Di-
chloro- | Tri- | | 1,3-Di-
chloro- | 1,4-Di-
chloro- | fluoro- |
| | Tri-
methyl-
benzene | chloro-
propane | bromo-
ethane, | chloro-
benzene | 1,2-Di-
chloro-
ethane, | chloro-
ethane-
d4, sur | chloro-
propane | Tri-
methyl-
benzene | chloro-
benzene | chloro-
propane | 1,4-Di-
chloro-
benzene | fluoro-
benzene
surrog. |
| Station number | Tri-
methyl-
benzene
water | chloro-
propane
water | bromo-
ethane,
water, | chloro-
benzene
water | 1,2-Di-
chloro-
ethane,
water, | chloro-
ethane-
d4, sur
Sch2090 | chloro-
propane
water | Tri-
methyl-
benzene
water | chloro-
benzene
water | chloro-
propane
water | 1,4-Di-
chloro-
benzene
water | fluoro-
benzene
surrog.
VOC Sch |
| Station number | Tri-
methyl-
benzene
water
unfltrd | chloro-
propane
water
unfltrd | bromo-
ethane,
water,
unfltrd | chloro-
benzene
water
unfltrd | 1,2-Di-
chloro-
ethane,
water,
unfltrd | chloro-
ethane-
d4, sur
Sch2090
wat unf | chloro-
propane
water
unfltrd | Tri-
methyl-
benzene
water
unfltrd | chloro-
benzene
water
unfltrd | chloro-
propane
water
unfltrd | 1,4-Di-
chloro-
benzene
water
unfltrd | fluoro-
benzene
surrog.
VOC Sch
wat unf |
| Station number | Tri-
methyl-
benzene
water | chloro-
propane
water | bromo-
ethane,
water, | chloro-
benzene
water | 1,2-Di-
chloro-
ethane,
water, | chloro-
ethane-
d4, sur
Sch2090 | chloro-
propane
water | Tri-
methyl-
benzene
water | chloro-
benzene
water | chloro-
propane
water | 1,4-Di-
chloro-
benzene
water | fluoro-
benzene
surrog.
VOC Sch |
| | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77222) | chloro-
propane
water
unfltrd
ug/L
(82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651) | chloro-
benzene
water
unfltrd
ug/L
(34536) | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103) | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832) | chloro-
propane
water
unfltrd
ug/L
(34541) | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77226) | chloro-
benzene
water
unfltrd
ug/L
(34566) | chloro-
propane
water
unfltrd
ug/L
(77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571) | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834) |
| Station number
362321114252601 | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77222) | chloro-
propane
water
unfltrd
ug/L
(82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651) | chloro-
benzene
water
unfltrd
ug/L
(34536) | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103) | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832) | chloro-
propane
water
unfltrd
ug/L
(34541) | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77226) | chloro-
benzene
water
unfltrd
ug/L
(34566) | chloro-
propane
water
unfltrd
ug/L
(77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571) | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834) |
| | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77222) | chloro-
propane
water
unfltrd
ug/L
(82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651) | chloro-
benzene
water
unfltrd
ug/L
(34536) | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103) | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832) | chloro-
propane
water
unfltrd
ug/L
(34541) | Tri-
methyl-
benzene
water
unfltrd
ug/L
(77226) | chloro-
benzene
water
unfltrd
ug/L
(34566) | chloro-
propane
water
unfltrd
ug/L
(77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571) | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834) |
| 362321114252601 | Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 | chloro-
propane
water
unfltrd
ug/L
(82625)
<.5
<.5
<.5
<.5 | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03
<.03 | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103)
<.1
<.1
<.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132
120 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05
<.05
<.05
<.05 | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834)
108
110
112
106 |
| 362321114252601
362507114572701 | Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 | chloro-
propane
water
unfltrd
ug/L
(82625)
<.5
<.5 | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03 | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103)
<.1
<.1
<.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05
<.05
<.05 | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834)
108
110
112 |
| 362321114252601
362507114572701 | Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 | chloro-
propane
water
unfltrd
ug/L
(82625)
<.5
<.5
<.5
<.5 | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03
<.03 | 1,2-Di-
chloro-
ethane,
water,
unfltrd
ug/L
(32103)
<.1
<.1
<.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132
120 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1 | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05
<.05
<.05
<.05 | fluoro-
benzene
surrog.
VOC Sch
wat unf
pct rcv
(99834)
108
110
112
106 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401 | Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 | chloro-
propane water unfltrd ug/L (82625) < .5 < .5 < .5 < .5 < .5 < .5 < .5 < | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04

<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
< .03
< .03
< .03

< .03
< .03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132
120
 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03
<.03
 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 E.06 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03

<.03
<.03 | chloro-
propane water unfltrd ug/L (77173) | 1,4-Di-
chloro-
benzene
water
unfltrd
ug/L
(34571)
<.05
<.05
<.05
<.05

<.05
<.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | Tri- methy1- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 <.06 <.06 <.06 | chloro-
propane water unfltrd ug/L (82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
< .04
< .04
< .04

< .04
< .04
< .04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03

<.03
<.03
<.03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132
120

125
108
116 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03

<.03
<.03
<.03 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 E.06 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03

<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1
<.1 | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001 | Tri- methyl- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-
propane
water
unfltrd
ug/L
(82625)
<.5
<.5
<.5
<.5
<.5
<.5
<.5 | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04
<.04

<.04
<.04
<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pet rev (99832) 128 138 132 120 125 108 116 104 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03
<.03

<.03
<.03
<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 E.06 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1
<.1
<.1
<.1 | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 78.8 98.3 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801 | Tri- methy1- benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 <.06 <.06 <.06 | chloro-
propane water unfltrd ug/L (82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
< .04
< .04
< .04

< .04
< .04
< .04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03

<.03
<.03
<.03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | chloro-
ethane-
d4, sur
Sch2090
wat unf
pct rcv
(99832)
128
138
132
120

125
108
116 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03

<.03
<.03
<.03 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 E.06 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03

<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1
<.1 | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-
propane water unfltrd ug/L (82625) | bromo-
ethane,
water,
unfltrd
ug/L
(77651)
<.04
<.04
<.04

<.04
<.04
<.04
<.04
<.04
<.04
<.04
<.04 | chloro-
benzene
water
unfltrd
ug/L
(34536)
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pct rcv (99832) 128 138 132 120 125 108 116 104 104 | chloro-
propane
water
unfltrd
ug/L
(34541)
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03
<.03 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 E.06 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chloro-
benzene
water
unfltrd
ug/L
(34566)
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03 | chloro-
propane
water
unfltrd
ug/L
(77173)
<.1
<.1
<.1
<.1
<.1
<.1
<.1
<.1
<.1
<.1 | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 78.88 98.3 84.1 70.7 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364450114432001
364741114532801
373155115135801
380531114534201 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.0619 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | chloro-
propane water unfltrd ug/L (82625) | bromo- ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chloro-
benzene water unfltrd ug/L (34536) | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pet rev (99832) 128 138 132 120 125 108 116 104 104 | chloro-
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<.03 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pct rcv (99832) 128 138 132 120 125 108 116 104 104 108 133 134 106 113 113 114 114 99.0 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | Tri-methyl-benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chlorobenzene water unfltrd ug/L (34566) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | chloro- propane water unfltrd ug/L (77173) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 78.8 98.3 84.1 70.7 119 76.3 86.7 108 |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 3807531114254201 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | chloro-propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | bromo-ethane, water, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.004 <.0 | chlorobenzene water unfltrd ug/L (34536) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pct rcv (99832) 128 138 132 1200 125 108 116 104 104 104 104 108 133 134 106 113 114 114 114 99.0 109 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chlorobenzene water unfltrd ug/L (34566) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | chloro- propane water unfltrd ug/L (77173) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 97.6 98.8 98.3 84.1 70.7 119 76.3 86.7 108 91.0 76.2 87.7 85.8 86.2 |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 3646235114425401 364650114432001 364741114532801 373155115135801 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | chloro-propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chloro-benzene water unfltrd ug/L (34536) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pct rcv (99832) 128 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chloro-benzene water unfltrd ug/L (34566) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | chloro- propane water unfltrd ug/L (77173) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 78.8 98.3 84.1 70.7 119 76.3 86.7 108 91.0 76.2 87.7 85.8 86.2 |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364650114432001 364750114452201 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385521114503601 385604115415101 391345114535501 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | chloro-propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | bromo-ethane, water, water, unfiltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | chlorobenzene water unfltrd ug/L (34536) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pet rev (99832) 128 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chlorobenzene water unfltrd ug/L (34566) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | chloro- propane water unfltrd ug/L (77173) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | fluorobenzene surrog. Voc Sch wat unf pct rcv (99834) 108 110 112 106 97.6 78.8 98.3 84.1 70.7 119 76.3 86.7 108 91.0 76.2 87.7 85.8 86.2 87.5 75.5 78.2 |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 3807531114254201 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | Tri-methyl-benzene water unfltrd ug/L (77222) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | chloro-propane water unfltrd ug/L (82625) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | bromo-ethane, water, unfltrd ug/L (77651) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chloro-benzene water unfltrd ug/L (34536) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | 1,2-Di- chloro- ethane, water, unfltrd ug/L (32103) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | chloro-ethane-d4, sur Sch2090 wat unf pct rcv (99832) 128 | chloro-propane water unfltrd ug/L (34541) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | Tri- methyl- benzene water unfltrd ug/L (77226) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | chloro-benzene water unfltrd ug/L (34566) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | chloro- propane water unfltrd ug/L (77173) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | 1,4-Di- chloro- benzene water unfltrd ug/L (34571) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | fluorobenzene surrog. VOC Sch wat unf pct rcv (99834) 108 110 112 106 97.6 78.8 98.3 84.1 70.7 119 76.3 86.7 108 91.0 76.2 87.7 85.8 86.2 |

QUALITY OF GROUND WATER

NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | 2,2-Di-
chloro-
propane
water
unfltrd
ug/L
(77170) | 2-
Chloro-
toluene
water
unfltrd
ug/L
(77275) | 2-
Ethyl-
toluene
water
unfltrd
ug/L
(77220) | 3-
Chloro-
propene
water
unfltrd
ug/L
(78109) | 4-
Chloro-
toluene
water
unfltrd
ug/L
(77277) | 4-Iso-
propyl-
toluene
water
unfltrd
ug/L
(77356) | Acetone
water
unfltrd
ug/L
(81552) | Acrylo-
nitrile
water
unfltrd
ug/L
(34215) | Benzene
water
unfltrd
ug/L
(34030) | Bromo-
benzene
water
unfltrd
ug/L
(81555) | Bromo-
chloro-
methane
water
unfltrd
ug/L
(77297) | Bromodi-
chloro-
methane
water
unfltrd
ug/L
(32101) |
|--|--|---|---|--|--|---|--|--|--|---|--|---|
| 362321114252601 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | <.04 | <.12 | <.05 |
| 302321111232001 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 362507114572701 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | .14 |
| 362835116192101 | <.05 | <.04 | <.06
 | <.12 | <.05
 | <.12 | <7
 | <1 | <.04 | <.04 | <.12 | <.05
 |
| 363332115244001 | <.05 | <.04 | E.06 | <.12 | <.05 | E.01 | <7 | <1 | E.02 | <.04 | <.12 | <.05 |
| 363530116021401 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 364235114425401 | <.05 | <.04 | < .06 | < .12 | <.05 | < .12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 364650114432001
364741114532801 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 | <1
<1 | <.04
<.04 | <.04
<.04 | <.12
<.12 | <.05
<.05 |
| | | | | | | | | | | | | |
| 373155115135801 | <.05 | < . 04 | < .06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 380531114534201
380758115204601 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | <7
<7 | <1
<1 | <.04
<.04 | <.04
<.04 | <.12
<.12 | <.05
<.05 |
| 381115116222101 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < . 04 | <.12 | <.05 |
| 382807114521001 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | E.01 | <.04 | <.12 | <.05 |
| 383744114160901 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | <.04 | <.12 | <.05 |
| 385521114503601 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 385604115415101 | <.05 | <.04 | < .06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| 391345114535501 | <.05
<.05 | <.04
<.04 | <.06
<.06 | <.12
<.12 | <.05
<.05 | <.12
<.12 | E2
<7 | <1
<1 | <.04
<.04 | <.04
<.04 | <.12
<.12 | <.05
<.05 |
| | | | | | | | | | | | | |
| 400119115274802 | <.05 | <.04 |
<.06 |
<.12 |
<.05 | <.12 |
<7 | <1 | <.04 | <.04 | <.12 |
<.05 |
| 404759116115401 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | < .04 | <.12 | <.05 |
| | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | < 7 | <1 | <.04 | <.04 | <.12 | <.05 |
| 412703114500601 | <.05 | <.04 | <.06 | <.12 | <.05 | <.12 | <7 | <1 | <.04 | <.04 | <.12 | <.05 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Station number | Bromo-
ethene,
water,
unfltrd
ug/L
(50002) | Bromo-
methane
water
unfltrd
ug/L
(34413) | Carbon
di-
sulfide
water
unfltrd
ug/L
(77041) | Chloro-
benzene
water
unfltrd
ug/L
(34301) | Chloro-
ethane,
water,
unfltrd
ug/L
(34311) | Chloro-
methane
water
unfltrd
ug/L
(34418) | cis-
1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093) | cis-
1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704) | Di-
bromo-
chloro-
methane
water
unfltrd
ug/L
(32105) | Di-
bromo-
methane
water
unfltrd
ug/L
(30217) | Di-
chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668) | Di-
chloro-
methane
water
unfltrd
ug/L
(34423) |
| | ethene,
water,
unfltrd
ug/L
(50002) | methane
water
unfltrd
ug/L
(34413) | di-
sulfide
water
unfltrd
ug/L
(77041) | benzene
water
unfltrd
ug/L
(34301) | ethane,
water,
unfltrd
ug/L
(34311) | methane
water
unfltrd
ug/L
(34418) | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093) | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704) | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105) | bromo-
methane
water
unfltrd
ug/L
(30217) | chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668) | chloro-
methane
water
unfltrd
ug/L
(34423) |
| Station number
362321114252601 | ethene,
water,
unfltrd
ug/L | methane
water
unfltrd
ug/L | di-
sulfide
water
unfltrd
ug/L | benzene
water
unfltrd
ug/L | ethane,
water,
unfltrd
ug/L | methane
water
unfltrd
ug/L | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L | bromo-
chloro-
methane
water
unfltrd
ug/L | bromo-
methane
water
unfltrd
ug/L | chloro-
di-
fluoro-
methane
wat unf
ug/L | chloro-
methane
water
unfltrd
ug/L |
| 362321114252601
362507114572701 | ethene,
water,
unfltrd
ug/L
(50002)
<.1
<.1
<.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1 | methane
water
unfltrd
ug/L
(34418)
<.2
<.2
<.2 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04
<.04
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 | chloro-
di-
fluoro-
methane
wat unf
ug/L
(34668)
<.18
<.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2
<.2
<.2 |
| 362321114252601 | ethene,
water,
unfltrd
ug/L
(50002)
<.1
<.1
<.1
<.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03
<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1 | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04
<.04
<.04
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09
<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
<.2
<.2 | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 | chloro-di-fluoro-methane wat unf ug/L (34668) <.18 <.18 <.18 <.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101 | ethene,
water,
unfltrd
ug/L
(50002)
<.1
<.1
<.1
<.1 | methane water unfiltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03
<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1 | methane water unfiltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09
<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
.2
<.2 | bromomethane water unfltrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001 | ethene,
water,
unfltrd
ug/L
(50002)
<.1
<.1
<.1
<.1
<.1 | methane
water
unfiltrd
ug/L
(34413)
<.3
<.3
<.3
<.3
<.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03

<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1
<.1 | methane
water
unfiltrd
ug/L
(34418)
<-2
<-2
<-2
<-2
<-2 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04
<.04
<.04
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09
<.09 | bromo-chloro-methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromo-
methane
water
unfltrd
ug/L
(30217)
<.05
<.05
<.05
<.05
 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401 | ethene,
water,
unfltrd
(50002)
<.1
<.1
<.1
<.1
<.1 | methane
water
unfltrd
ug/L
(34413)
<.3
<.3
<.3
<.3
<.3
<.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07

E.06
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03

<.03
<.03
<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1
<.1
<.1 | methane
water
unfltrd
ug/L
(34418)
<-2
<-2
<-2
<-2
<-2
<-2 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09

<.09
<.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
<.2
<.2
<.2
<.2 | bromomethane water unfltrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18
<.18 | chloro-
methane
water
unfltrd
ug/L
(34423)
<-2
<-2
<-2
<-2
<-2
<-2 |
| 362321114252601
362507114572701
362835116192101
363332115244001 | ethene,
water,
unfltrd
ug/L
(50002)
<.1
<.1
<.1
<.1
<.1 | methane
water
unfiltrd
ug/L
(34413)
<.3
<.3
<.3
<.3
<.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03

<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1
<.1 | methane
water
unfiltrd
ug/L
(34418)
<-2
<-2
<-2
<-2
<-2 | 1,2-Di-
chloro-
ethene,
water,
unfltrd
ug/L
(77093)
<.04
<.04
<.04
<.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09
<.09 | bromo-chloro-methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 | bromo-
methane
water
unfltrd
ug/L
(30217)
<.05
<.05
<.05
<.05
 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane
water
unfltrd
ug/L
(34413)
<.3
<.3
<.3

<.3
<.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03

<.03
<.03
<.03
<.03 | ethane,
water,
unfltrd
ug/L
(34311)
<.1
<.1
<.1
<.1
<.1
<.1
<.1 | methane
water
unfltrd
ug/L
(34418)
<.2
<.2
<.2
<.2
<.2
<.2
<.2 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di-
chloro-
propene
water
unfltrd
ug/L
(34704)
<.09
<.09
<.09

<.09
<.09
 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
<.2
<.2
<.2
<.2 | bromomethane water unfiltrd ug/L (30217) < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 < .05 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane
water
unfltrd
ug/L
(34413)
<.3
<.3
<.3
<.3
<.3
<.3
<.3 | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07 | benzene
water
unfltrd
ug/L
(34301)
<.03
<.03
<.03
<.03

<.03
<.03
<.03
<.03
<.03
<.03 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane
water
unfltrd
ug/L
(34418)
 | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo-
chloro-
methane
water
unfltrd
ug/L
(32105)
<.2
<.2
<.2
<.2
<.2
<.2
<.2 | bromomethane water unfltrd ug/L (30217) | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18
<.18
<.18
<.18 | chloro- methame water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380531114534201 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18

<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380531114534201
380758115204601 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380758115204601
380758115204601
381115116222101 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.09 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380331114534201
380758115204601
381115116222101
382807114521001 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 380531114534201 380758115204601 381115116222101 382807114521001 383744114160901 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
fluoromethane
wat unf
ug/L
(34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.1 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380331114534201
380758115204601
381115116222101
382807114521001 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.1 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 380758115204601 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 | ethene, water, unfltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.03 | ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di- chloro- propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364450114422001
364450114422001
364741114532801
373155115135801
380531114534201
380758115204601
38115116222101
382807114521001
383744114160901
385521114503601
385604115415101 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07

E.06
<.07
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.1 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 3646235114425401 364650114432001 364741114532801 373155115135801 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.1 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 380531114534201 380758115204601 381155116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, wafltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 3646235114425401 364650114432001 364741114532801 373155115135801 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di- sulfide water unfltrd ug/L (77041) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <. | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi- di- fluoromethane wat unf ug/L (34668) <.18 <.18 <.18 <.18 <.18 <.18 <.18 <.1 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 380531114534201 380758115204601 381155116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | ethene, water, unfiltrd ug/L (50002) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34413) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | di-
sulfide
water
unfltrd
ug/L
(77041)
<.07
<.07
<.07
<.07
<.07
<.07
<.07
<.07 | benzene water unfltrd ug/L (34301) <.03 <.03 <.03 <.03 <.03 <.03 <.03 <.0 | ethane, water, water, unfltrd ug/L (34311) <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 <.1 | methane water unfltrd ug/L (34418) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | 1,3-Di-chloro-propene water unfltrd ug/L (34704) <.09 <.09 <.09 <.09 <.09 <.09 <.09 <.0 | bromo- chloro- methane water unfltrd ug/L (32105) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | bromomethane water unfltrd ug/L (30217) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | chlorodi-
di-
fluoromethane
wat unf
ug/L
(34668)
<.18
<.18
<.18
<.18
<.18
<.18
<.18
<.18 | chloromethane water unfltrd ug/L (34423) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |

QUALITY OF GROUND WATER NATIONAL WATER-QUALITY ASSESSMENT--Continued

| Station number | Di-
ethyl
ether,
water,
unfltrd
ug/L
(81576) | Diiso-
propyl
ether,
water,
unfltrd
ug/L
(81577) | Ethyl
methac-
rylate,
water,
unfltrd
ug/L
(73570) | Ethyl
methyl
ketone,
water,
unfltrd
ug/L
(81595) | Ethyl-
benzene
water
unfltrd
ug/L
(34371) | Hexa-
chloro-
buta-
diene,
water,
unfltrd
ug/L
(39702) | Hexa-
chloro-
ethane,
water,
unfltrd
ug/L
(34396) | Iodo-
methane
water
unfltrd
ug/L
(77424) | Iso-
butyl
methyl
ketone,
water,
unfltrd
ug/L
(78133) | Iso-
propyl-
benzene
water
unfltrd
ug/L
(77223) | Meth-
acrylo-
nitrile
water
unfltrd
ug/L
(81593) | Methyl
acryl-
ate,
water,
unfltrd
ug/L
(49991) |
|---|---|--|---|--|--|--|--|--|--|---|---|---|
| 362321114252601 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | <.4 | <.06 | <.6 | <2.0 |
| | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 362507114572701 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 362835116192101 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 |
| | | | | | | | | | | | | |
| 363332115244001 | <.2 | <.10 | <.2 | <5.0 | E.07 | <.1 | <.2 | <.35 | < . 4 | E.02 | <.6 | <2.0 |
| 363530116021401 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | <.4 | <.06 | <.6 | <2.0 |
| 364235114425401 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 |
| 364650114432001 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 364741114532801 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 |
| | | | | | | | | | | | | |
| 373155115135801 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | < .06 | < . 6 | <2.0 |
| 380531114534201
380758115204601 | <.2
<.2 | <.10
<.10 | <.2 | <5.0
<5.0 | <.03
<.03 | <.1
<.1 | <.2
<.2 | <.35
<.35 | <.4
<.4 | <.06
<.06 | <.6
<.6 | <2.0
<2.0 |
| 381115116222101 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | <.4 | <.06 | <.6 | <2.0 |
| 382807114521001 | <.2 | <.10 | <.2 | <5.0 | E.05 | <.1 | <.2 | <.35 | < . 4 | E.02 | <.6 | <2.0 |
| | | | | | | | | | | | | |
| 383744114160901 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 |
| 385521114503601 | <.2 | <.10 | < . 2 | <5.0 | E.02 | <.1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 385604115415101 | <.2 | <.10 | < . 2 | <5.0 | <.03 | < . 1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 391345114535501 | <.2
<.2 | <.10
<.10 | <.2
<.2 | <5.0
<5.0 | <.03
<.03 | <.1 | <.2
<.2 | <.35
<.35 | <.4 | <.06
<.06 | <.6 | <2.0
<2.0 |
| | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.33 | < . 4 | <.00 | <.6 | <2.0 |
| | | | | | | | | | | | | |
| 400119115274802 | <.2 | <.10 | <.2 | <5.0 | <.03 | < . 1 | <.2 | <.35 | < . 4 | <.06 | < . 6 | <2.0 |
| 404759116115401 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | <.4 | <.06 | < . 6 | <2.0 |
| | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | <.4 | <.06 | <.6 | <2.0 |
| 412703114500601 | <.2 | <.10 | <.2 | <5.0 | <.03 | <.1 | <.2 | <.35 | < . 4 | <.06 | <.6 | <2.0 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Station number | Methyl
methac-
rylate,
water,
unfltrd
ug/L
(81597) | Methyl
tert-
pentyl
ether,
water,
unfltrd
ug/L
(50005) | meta-
+ para-
Xylene,
water,
unfltrd
ug/L
(85795) | Naphth-
alene,
water,
unfltrd
ug/L
(34696) | Methyl
n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | n-Butyl
benzene
water
unfltrd
ug/L
(77342) | n-
propyl-
benzene
water
unfltrd
ug/L
(77224) | o-
Xylene,
water,
unfltrd
ug/L
(77135) | sec-
Butyl-
benzene
water
unfltrd
ug/L
(77350) | Styrene
water
unfltrd
ug/L
(77128) | t-Butyl
ethyl
ether,
water,
unfltrd
ug/L
(50004) | Methyl
t-butyl
ether,
water,
unfltrd
ug/L
(78032) |
| | methac-
rylate,
water,
unfltrd
ug/L
(81597) | tert-
pentyl
ether,
water,
unfltrd
ug/L
(50005) | + para-
Xylene,
water,
unfltrd
ug/L
(85795) | alene,
water,
unfltrd
ug/L
(34696) | n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | benzene
water
unfltrd
ug/L
(77342) | propyl-
benzene
water
unfltrd
ug/L
(77224) | <pre>Xylene, water, unfltrd ug/L (77135)</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350) | water
unfltrd
ug/L
(77128) | ethyl
ether,
water,
unfltrd
ug/L
(50004) | t-butyl
ether,
water,
unfltrd
ug/L
(78032) |
| Station number
362321114252601 | methac-
rylate,
water,
unfltrd
ug/L
(81597) | tert-
pentyl
ether,
water,
unfltrd
ug/L
(50005) | + para-
Xylene,
water,
unfltrd
ug/L
(85795) | alene,
water,
unfltrd
ug/L
(34696) | n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | benzene
water
unfltrd
ug/L
(77342) | propyl-
benzene
water
unfltrd
ug/L
(77224) | <pre>Xylene, water, unfltrd ug/L (77135)</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350) | water
unfltrd
ug/L
(77128) | ethyl
ether,
water,
unfltrd
ug/L
(50004) | t-butyl
ether,
water,
unfltrd
ug/L
(78032) |
| 362321114252601 | methac-
rylate,
water,
unfltrd
ug/L
(81597) | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032) |
| 362321114252601
362507114572701 | methac-
rylate,
water,
unfltrd
ug/L
(81597)
<.3
<.3
<.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07</pre> | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2 |
| 362321114252601 | methac-
rylate,
water,
unfltrd
ug/L
(81597) | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103) | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05
<.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032) |
| 362321114252601
362507114572701
362835116192101 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04
<.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07<</pre> | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06
<.06
<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04
<.04 | ethyl
ether,
water,
unfltrd
ug/L
(50004)
<.05
<.05
<.05
<.05 | t-butyl
ether,
water,
unfltrd
(78032)
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06
 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04 | <pre>Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10</pre> | Butyl-benzene water unfltrd ug/L (77350) < .06 < .06 < .06 < .06 E.02 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401 | methac-
rylate,
water,
unfltrd
ug/L
(81597)
<.3
<.3
<.3
<.3
<.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06
<.06
 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07
<.07
<.07

E.10
<.07 | Butyl-benzene water unfltrd ug/L (77350) < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 < .06 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04
 | ethyl ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | methac-
rylate,
water,
unfltrd
ug/L
(81597)
<.3
<.3
<.3
<.3
<.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06
21
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04
<.04 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07
<.07
<.07

E.10
<.07
<.07 | Butyl-benzene water unfltrd ug/L (77350) | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04

<.04
<.04
<.04 | ethyl ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06

.21
<.06
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7
<.7
<.7
<.7
<.7 | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04
<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06
<.06
<.06

E.02
<.06
<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04

<.04
<.04
 | ethyl ether, water, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401 | methac-
rylate,
water,
unfltrd
ug/L
(81597)
<.3
<.3
<.3
<.3
<.3 | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
< .06
< .06
< .06

.21
< .06
< .06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7
<.7
<.7 | benzene
water
unfltrd
ug/L
(77342)
<.2
<.2
<.2
<.2
<.2
<.2 | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04
<.04 | Xylene,
water,
unfltrd
ug/L
(77135)
<.07
<.07
<.07

E.10
<.07
<.07 | Butyl-benzene water unfltrd ug/L (77350) | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04

<.04
<.04
<.04 | ethyl ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06

.21
<.06
<.06
<.06 | alene,
water,
unfltrd
ug/L
(34696)
<.5
<.5
<.5
<.5
<.5
<.5 | n-butyl
ketone,
water,
unfltrd
ug/L
(77103)
<.7
<.7
<.7
<.7
<.7
<.7
<.7
<.7 | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04
<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 | Butyl-
benzene
water
unfltrd
ug/L
(77350)
<.06
<.06
<.06

E.02
<.06
<.06
<.06 | water
unfltrd
ug/L
(77128)
<.04
<.04
<.04

<.04

<.04
<.04
 | ethyl ether, water, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.05 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364650114425401
364650114432001
364741114532801
373155115135801
380531114534201 | methac- rylate, vater, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
<.06
<.06
<.06

.21
<.06
<.06
<.06
<.06
<.06
<.06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
ug/L
(77224)
<.04
<.04
<.04

E.04
<.04
<.04
<.04
<.04
<.04
<.04 | Xylene, water, unflrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 E.02 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl
ether,
water,
unfltrd
ug/L
(78032)
<.2
<.2
<.2
<.2
<.2
<.2
<.2
<.2
<.2
<.2 |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380531114534201
380531114534201
380758115204601 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
< .06
< .06
< .06

.21
< .06
< .06
< .06
< .06
< .06
< .06
< .06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
(77224)
<.04
<.04
<.04

E.04
<.04
<.04
<.04
<.04
<.04
<.04
<.04
< | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114422001
364741114532801
373155115135801
380758115204601
380758115204601
38115116222101 | methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.0621 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
(77224)
<.04
<.04
<.04

E.04
<.04
<.04
<.04
<.04
<.04
<.04
<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 E.02 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfiltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethyl ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380531114534201
380531114534201
380758115204601 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-
Xylene,
water,
unfltrd
ug/L
(85795)
< .06
< .06
< .06

.21
< .06
< .06
< .06
< .06
< .06
< .06
< .06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
(77224)
<.04
<.04
<.04

E.04
<.04
<.04
<.04
<.04
<.04
<.04
<.04
< | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114422001
364741114532801
373155115135801
380758115204601
380758115204601
38115116222101 | methac-rylate, water, unfiltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.08 | + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.0621 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
(77224)
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E.04
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<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 E.02 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfiltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethyl ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601
362507114572701
362835116192101
363332115244001
363530116021401
364235114425401
364650114432001
364741114532801
373155115135801
380531114534201
380758115204601
381115116222101
382807114521001 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.0621 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-
benzene
water
unfltrd
ug/L
(77224)
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<.04 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364255114425401 3644550114432001 364741114532801 373155115135801 380531114534201 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.0621 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | alene, water, water, unflrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 E.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 < | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 E.02 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114422001 364741114532801 373155115135801 380758115204601 381155116222101 382807114521001 383744114160901 385521114503601 | methac-rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfiltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364255114425401 3644550114432001 364741114532801 373155115135801 380531114534201 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.0621 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | alene, water, water, unflrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 E.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 < | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 E.02 <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.06 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 384741114532801 373155115135801 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 E.10 <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | methac-rylate, yater, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para- Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 384741114532801 373155115135801 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, water, unfiltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 E.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 < | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364450114432001 364741114532801 373155115135801 380531114534201 380758115204601 381115116222101 382807114521001 383744114160901 385521114503601 3856041154115101 391345114535501 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, unfltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unflrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfiltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | Xylene, water, unfiltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |
| 362321114252601 362507114572701 362835116192101 363332115244001 363530116021401 364235114425401 364650114432001 364741114532801 373155115135801 380758115204601 38115116222101 382807114521001 383744114160901 385521114503601 385604115415101 391345114535501 | methac- rylate, water, unfltrd ug/L (81597) <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <.3 <. | tert- pentyl ether, water, unfltrd ug/L (50005) <.08 <.08 <.08 <.08 <.08 <.08 <.08 <.0 | + para-Xylene, water, water, unfiltrd ug/L (85795) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | alene, water, unfltrd ug/L (34696) <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <.5 <. | n-butyl ketone, water, unfltrd ug/L (77103) <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <.7 <. | benzene water unfltrd ug/L (77342) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. | propyl-benzene water unfltrd ug/L (77224) <.04 <.04 <.04 <.04 E.04 <.04 <.04 <.04 <.04 <.04 <.04 <.04 < | Xylene, water, unfltrd ug/L (77135) <.07 <.07 <.07 <.07 <.07 <.07 <.07 <.0 | Butyl-benzene water unfltrd ug/L (77350) <.06 <.06 <.06 <.06 <.06 <.06 <.06 <.0 | water unfltrd ug/L (77128) <.04 <.04 <.04 <.04 <.04 <.04 <.04 <.0 | ethy1 ether, water, unfiltrd ug/L (50004) <.05 <.05 <.05 <.05 <.05 <.05 <.05 <.0 | t-butyl ether, water, water, water, unfltrd ug/L (78032) <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <. |

QUALITY OF GROUND WATER

NATIONAL WATER-QUALITY ASSESSMENT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | | | | | | ^a Toluene | trans- | trans- | trans- | | | Tri- |
|-----------------|---------|---------|---------|---------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| | tert- | Tetra- | Tetra- | Tetra- | | -d8, | 1,2-Di- | 1,3-Di- | 1,4-Di- | Tri- | Tri- | chloro- |
| | Butyl- | chloro- | chloro- | hydro- | | surrog, | chloro- | chloro- | chloro- | bromo- | chloro- | fluoro- |
| | benzene | ethene, | methane | furan, | Toluene | Sch2090 | ethene, | propene | 2- | methane | ethene, | methane |
| | water | water, | water | water, | water | wat unf | water, | water | butene, | water | water, | water |
| Station number | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | percent | unfltrd | unfltrd | wat unf | unfltrd | unfltrd | unfltrd |
| | ug/L | ug/L | ug/L | ug/L | ug/L | recovry | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | (77353) | (34475) | (32102) | (81607) | (34010) | (99833) | (34546) | (34699) | (73547) | (32104) | (39180) | (34488) |
| 362321114252601 | <.10 | <.03 | <.06 | <2 | E.04 | 105 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| | <.10 | <.03 | <.06 | <2 | <.05 | 105 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 362507114572701 | < .10 | < .03 | < .06 | <2 | <.05 | 106 | < .03 | <.09 | <.7 | .41 | < .04 | <.09 |
| 362835116192101 | <.10 | <.03 | <.06 | <2 | <.05 | 100 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| | | | | | | | | | | | | |
| 363332115244001 | <.10 | <.03 | <.06 | <2 | 2.97 | 102 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 363530116021401 | <.10 | <.03 | <.06 | <2 | <.05 | 91 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 364235114425401 | <.10 | < .03 | < .06 | <2 | E.01 | 96.5 | < .03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 364650114432001 | <.10 | < .03 | < .06 | <2 | .16 | 97.7 | < .03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 364741114532801 | <.10 | <.03 | <.06 | <2 | E.01 | 94.2 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 373155115135801 | <.10 | <.03 | <.06 | <2 | <.05 | 89.3 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 380531114534201 | <.10 | <.03 | <.06 | <2 | .40 | 102 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 380758115204601 | < .10 | E.02 | < .06 | <2 | 2.00 | 98.0 | < .03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 381115116222101 | <.10 | <.03 | <.06 | <2 | <.05 | 98.8 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 382807114521001 | <.10 | <.03 | <.06 | <2 | 1.35 | 100 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 383744114160901 | <.10 | <.03 | <.06 | <2 | <.05 | 102 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 385521114503601 | <.10 | < .03 | < .06 | <2 | .68 | 96.4 | < .03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 385604115415101 | <.10 | <.03 | < .06 | <2 | <.05 | 101 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 391345114535501 | <.10 | <.03 | <.06 | <2 | <.05 | 98.6 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| | <.10 | <.03 | <.06 | <2 | <.05 | 99.6 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| | | | | | | | | | | | | |
| 400119115274802 | <.10 | <.03 | < .06 | <2 | <.05 | 97.2 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| 404759116115401 | <.10 | <.03 | < .06 | <2 | <.05 | 101 | <.03 | <.09 | <.7 | < .10 | < .04 | <.09 |
| | <.10 | <.03 | <.06 | <2 | <.05 | 101 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| 412703114500601 | <.10 | <.03 | <.06 | <2 | E.06 | 103 | <.03 | <.09 | <.7 | <.10 | <.04 | <.09 |
| | | | | | | | | | | | | |

| | | | Deu- | | | | | | |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Tri- | Vinyl | terium/ | 0-18 / | | | | | |
| | chloro- | chlor- | Protium | 0-16 | Rn-222 | | Tritium | | Uranium |
| | methane | ide, | ratio, | ratio, | 2-sigma | Rn-222, | 2-sigma | Tritium | natural |
| | water | water, | water, | water, | water | water, | water | water | water, |
| Station number | unfltrd | fltrd, |
| | ug/L | ug/L | per mil | per mil | pCi/L | pCi/L | pCi/L | pCi/L | ug/L |
| | (32106) | (39175) | (82082) | (82085) | (76002) | (82303) | (75985) | (07000) | (22703) |
| 362321114252601 | E.02 | <.1 | | | | | | | <.02 |
| | <.02 | <.1 | -93.00 | -12.47 | 24 | 480 | | | 3.77 |
| 362507114572701 | .14 | <.1 | -96.80 | -13.23 | 26 | 530 | | | 6.82 |
| 362835116192101 | < .02 | <.1 | -102 | -13.56 | 24 | 420 | | | 2.65 |
| | | | | | | | | | 2.63 |
| 363332115244001 | <.02 | <.1 | -89.80 | -12.45 | 22 | 320 | | | 3.62 |
| 363530116021401 | < .02 | <.1 | -101 | -13.49 | 21 | 230 | | | 2.68 |
| 364235114425401 | < .02 | <.1 | -96.90 | -12.85 | 26 | 550 | | | 3.93 |
| 364650114432001 | <.02 | <.1 | -97.70 | -12.99 | 29 | 740 | | | 4.26 |
| 364741114532801 | <.02 | <.1 | -99.60 | -12.99 | 25 | 480 | | | 3.91 |
| 373155115135801 | <.02 | <.1 | -108 | -14.32 | 17 | 60 | | | 4.22 |
| 380531114534201 | <.02 | <.1 | -107 | -14.11 | 23 | 400 | | | 5.65 |
| 380758115204601 | <.02 | <.1 | -108 | -14.52 | 29 | 820 | | | 3.73 |
| 381115116222101 | <.02 | <.1 | -114 | -14.42 | | | | | .36 |
| 382807114521001 | <.02 | <.1 | -105 | -13.94 | 23 | 360 | .58 | 3 | 1.86 |
| 383744114160901 | <.02 | <.1 | -104 | -12.68 | 33 | 1090 | | | 10.4 |
| 385521114503601 | <.02 | <.1 | -115 | -15.09 | 24 | 290 | 1.0 | 15.6 | 1.61 |
| 385604115415101 | < .02 | <.1 | -121 | -15.93 | 20 | 200 | | | .66 |
| 391345114535501 | <.02 | <.1 | | | | | | | <.02 |
| | <.02 | <.1 | -117 | -15.72 | 40 | 1720 | .58 | 3.0 | 1.62 |
| | | | | | | | .64 | 2.9 | |
| 400119115274802 | <.02 | <.1 | | | | | | | 1.95 |
| 404759116115401 | <.02 | <.1 | | | 29 | 560 | | | 1.05 |
| | <.02 | <.1 | | | 29 | 590 | | | 1.07 |
| 412703114500601 | <.02 | <.1 | | | 41 | 1580 | | | 1.54 |

Remark codes used in this report:

- Remark codes used in this report:
 < -- Less than
 > -- Greater than
 E -- Estimated value
 M -- Presence verified, not quantified

^a Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method

QUALITY OF WATER

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT

Water-quality measurements in the following table were made in cooperation with Churchill County to monitor changes in water-quality to provide data for evaluating the effects of changes in water use. <u>Depths and Water Levels:</u> Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 32.

| Station number | | | Stat | ion name | ė | | Date | Time | Sample
type | Dept
of
well
fee
belo
LSI
(7200 | wate: ., level t feet bw below LSD | r Flow
l, rate,
t instan-
w taneous
gal/min |
|-----------------|---|--|---|--|---|---|--|--------------------------------|-----------------------------|---|--|---|
| 392327118425401 | | 101 N | 18 E29 27C | DAD1 (| JSGS CDR-1 | .8 | 01-30-03 | 1330 | ENVIRONMEN | ITAL 13. | | |
| | | | 18 E29 27C | | | | 09-17-03 | 1030 | ENVIRONMEN | | 6.00 | .10 |
| 392829118520001 | | 101 N | 19 E28 32B | AAB1 (| JSGS CDR-2 | 25 | 01-28-03 | 1000 | ENVIRONMEN | ITAL 13. | | |
| | | 101 N | 19 E28 32B | AAB1 | | | 06-11-03 | 1300 | ENVIRONMEN | ITAL | 6.8 | 7 |
| | | 101 N | 19 E28 32B | AAB1 | | | 09-16-03 | 1230 | ENVIRONMEN | ITAL | | .10 |
| 393003118402001 | | 101 N | 19 E29 24A | BDD1 (| JSGS CDR-2 | 26 | 02-03-03 | 1030 | ENVIRONMEN | TAL 12. | | |
| | | 101 N | 19 E29 24A | BDD1 | | | 09-17-03 | 1430 | ENVIRONMEN | ITAL | 7.00 | .15 |
| 393004118514201 | | 101 N | 19 E28 20A | BC 1 | MICHELLE W | IAY | 01-29-03 | 1330 | ENVIRONMEN | ITAL 29. | | |
| | | 101 N | 19 E28 20A | BC 1 | | | 09-15-03 | 1330 | ENVIRONMEN | ITAL | | |
| 393006118515101 | | 101 N | 19 E28 20A | BDA1 I | DAVIS LANE | | 01-29-03 | 1100 | ENVIRONMEN | ITAL 24. | | |
| | | 101 N | 19 E28 20A | RDA1 | | | 09-16-03 | 1030 | ENVIRONMEN | ITAT. | | .10 |
| 393052118333501 | | | 19 E30 13A | | JSGS CDR-2 | 9 | 01-28-03 | | ENVIRONMEN | | | .10 |
| | | | 19 E30 13A | | | | 01-28-03 | 1300 | ENVIRONMEN | | | |
| | | | 19 E30 13A | | | | 09-17-03 | 1300 | ENVIRONMEN | | | |
| 393458118431101 | | | 20 E29 22C | | JSGS CDR-3 | 0 | 02-03-03 | 1215 | ENVIRONMEN | | | |
| | | 101 N | 20 E29 22C | BAC1 | | | 09-19-03 | 1130 | ENVIRONMEN | ITAL | | |
| Date | Pump
or flow
period
prior
to sam-
pling,
minutes
(72004) | Tur-
bidity,
water,
unfltrd
field,
NTU
(61028) | Baro-
metric
pres-
sure,
mm Hg
(00025) | Dis-
solved
oxygen,
mg/L
(00300) | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
us/cm
25 degC
(00095) | Temperature air, deg C (00020) | , ature,
water,
deg C | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) |
| 01-30-03 | | | 660 | | | 7.8 | 1560 | | 15.0 | 2.20 | 3.45 | 9.63 |
| 09-17-03 | 45 | . 4 | 666 | .1 | <.1 | 7.7 | 1910 | | 19.5 | 2.92 | 4.60 | 11.8 |
| 01-28-03 | | | 666 | .7 | 7 | 7.3 | 520 | | 13.7 | 50.1 | 12.2 | 4.84 |
| 06-11-03 | | | 657 | | | 6.7 | 626 | 26.0 | | | | |
| 09-16-03 | | | 660 | .5 | 7 | 6.8 | 320 | 25.0 | 21.0 | 22.5 | 5.75 | 4.16 |
| 02-03-03 | | | 660 | | | 7.5 | 1000 | | 12.7 | 43.7 | 12.5 | 12.8 |
| 09-17-03 | | .2 | 666 | .2 | 2 | 7.5 | 1450 | 24.0 | 16.3 | 45.9 | 13.5 | 14.3 |
| 01-29-03 | | | | | | 7.8 | 348 | | 17.5 | 17.5 | 5.20 | 7.16 |
| 09-15-03 | | | | | | | | | | 17.2 | 5.19 | 6.41 |
| 01-29-03 | | | 665 | | | 9.4 | 470 | | | .56 | .082 | 3.07 |
| 09-16-03 | | | 660 | .9 | 12 | 8.9 | 460 | 24.0 | 22.4 | .56 | .061 | 3.17 |
| 01-28-03 | | | 665 | | | 7.4 | 1360 | | 13.0 | | | |
| 01-28-03 | | | | | | | | | | 89.3 | 26.6 | 11.3 |
| 09-17-03 | | | | | | | | | | 89.4 | 26.5 | 13.6 |
| 02-03-03 | 30 | | 660 | | | 7.3 | | | | 192 | 152 | 43.2 |
| 09-19-03 | | | 660 | | | 7.6 | 14600 | 24.0 | 15.0 | 258 | 208 | 65.4 |

QUALITY OF WATER

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

WATER-QUALITY DATA, WATER YEARS OCTOBER 2002 TO SEPTEMBER 2003

| | | Alka- | Bicar- | | | | | | Residue | Ammonia | | Nitrite | |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | linity, | bonate, | | | | | | on | + | | + | |
| | | wat flt | wat flt | | Chlor- | Fluor- | | | evap. | org-N, | Ammonia | nitrate | Nitrite |
| | Sodium, | inc tit | incrm. | Bromide | ide, | ide, | Silica, | Sulfate | at | water, | water, | water | water, |
| | water, | field, | titr., | water, | water, | water, | water, | water, | 180degC | fltrd, | fltrd, | fltrd, | fltrd, |
| Date | fltrd, | mg/L as | field, | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | wat flt | mg/L | mg/L | mg/L | mg/L |
| | mg/L | CaCO3 | mg/L | as N | as N | as N | as N |
| | (00930) | (39086) | (00453) | (71870) | (00940) | (00950) | (00955) | (00945) | (70300) | (00623) | (00608) | (00631) | (00613) |
| 01-30-03 | 357 | 413 | 498 | .41 | 236 | .77 | 26.3 | 44.5 | 943 | .17 | E.04 | <.06 | <.008 |
| 09-17-03 | 391 | 453 | 552 | .47 | 251 | . 6 | 29.4 | 70.1 | 1100 | .22 | E.03 | <.06 | <.008 |
| 01-28-03 | 33.5 | 131 | 157 | .04 | 18.6 | .19 | 20.9 | 51.3 | 302 | .11 | < .04 | 1.71 | <.008 |
| 06-11-03 | | | | | | | | | 175 | E.05 | < .04 | .13 | <.008 |
| 09-16-03 | 27.3 | 81 | 99 | .04 | 12.8 | .2 | 24.5 | 31.9 | 187 | <.10 | < .04 | .10 | <.008 |
| | | | | | | | | | | | | | |
| 02-03-03 | 262 | 450 | 542 | . 03 | 56.1 | .68 | 45.0 | 198 | 922 | .42 | < .04 | .15 | .012 |
| 09-17-03 | 242 | 393 | 479 | .06 | 59.2 | . 6 | 50.8 | 181 | 868 | .36 | < .04 | .13 | E.006 |
| 01-29-03 | 35.7 | 94 | 115 | .04 | 13.3 | .27 | 28.5 | 34.5 | 207 | <.10 | < .04 | .97 | E.006 |
| 09-15-03 | 42.4 | | | .06 | 15.2 | . 4 | 29.3 | 34.4 | 218 | .21 | < .04 | .43 | <.008 |
| 01-29-03 | 96.0 | 164 | 155 | .04 | 8.37 | .38 | 34.3 | 35.9 | 285 | E.05 | < .04 | .20 | <.008 |
| 09-16-03 | 102 | 153 | 150 | .04 | 9.14 | .4 | 35.2 | 34.9 | 301 | <.10 | <.04 | .15 | <.008 |
| 01-28-03 | | 613 | 740 | | | | | | | | | | |
| 01-28-03 | 262 | | | .11 | 81.5 | 1.15 | 38.2 | 193 | 1110 | .68 | .12 | <.06 | <.008 |
| 09-17-03 | 244 | | | .07 | 95.9 | 1.2 | 44.5 | 194 | 1040 | .88 | .20 | <.06 | <.008 |
| 02-03-03 | 2880 | 866 | 1040 | 1.92 | 1430 | 1.68 | 62.5 | 3940 | 9740 | 1.3 | .19 | <.06 | <.008 |
| 09-19-03 | 2920 | 838 | 1020 | 2.10 | 1540 | 1.9 | 86.8 | 4430 | 10600 | .99 | <.04 | <.06 | <.008 |

| Date | Ortho-
phos-
phate,
water,
fltrd,
mg/L
as P
(00671) | Phos-
phorus,
water,
fltrd,
mg/L
(00666) | Arsenic
water,
fltrd,
ug/L
(01000) | ug/L | water, | ug/L |
|----------|--|---|--|------|--------|------|
| 01-30-03 | 1.78 | 1.74 | | | 23 | 16.3 |
| 09-17-03 | 1.25 | 1.23 | | | 25 | 28.0 |
| 01-28-03 | .11 | .122 | | | <10 | <2.0 |
| 06-11-03 | .11 | | | | | |
| 09-16-03 | .14 | .159 | | | <8 | < .4 |
| | | | | | | |
| 02-03-03 | .16 | .163 | | | <10 | 45.8 |
| 09-17-03 | .15 | .158 | | | <8 | 118 |
| 01-29-03 | .20 | .21 | 47.3 | 290 | <10 | <2.0 |
| 09-15-03 | .79 | .81 | | | 46 | 1.2 |
| 01-29-03 | .99 | .94 | 198 | 340 | 68 | 3.1 |
| 09-16-03 | .92 | .91 | | | 40 | .6 |
| 01-28-03 | | | | | | |
| 01-28-03 | .58 | .60 | | | 1060 | 705 |
| 09-17-03 | .68 | .74 | | | 1030 | 639 |
| 02-03-03 | .59 | .34 | | | <100 | 1310 |
| 09-19-03 | .46 | .34 | | | E28 | 796 |

Remark codes used in this report:

< -- Less than
E -- Estimated value

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT

Water-level data were collected in the Fallon area as part of a cooperative study with Churchill County. The purpose of the study is to provide data for future studies in the area and determine the hydrologic response to changes in seasonal recharge and to changes in water use.

Water Levels--Levels above LSD are listed as negative values.

Water Level Status--D, Site was dry (no water level was recorded); N, discontinued; O, obstruction was encountered in the well (no water level was recorded); X, water level was affected by stage in nearby surface-water site.

Water Level Method--S, steel tape; T, electric tape.

The following sites are shown in figure 32.

| - | | | Elevation | Water L | evel (Belo | w Land S | urface) |
|--|---------------------|------------|----------------|--------------------------|-------------|----------|---------|
| | | Well | (Feet | | | | |
| | | _ | Above Sea | | | _ | |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method |
| 101 N16 E28 01AAAA2 | 391705118465402 | 27. | 3910.95 | 12/12/2002 | 25.2 | | T |
| | | | | 03/17/2003 | 25.3 | | T |
| | | | | 05/14/2003 | 25.4 | | T |
| 101 N16 E29 01ABBB1 | 391706118403801 | 30. | 3907. | 09/08/2003 | 12.2 | | T |
| 101 N16 E30 09CDAA1 | 391532118371601 | 27. | 3943. | 09/09/2003 | 21.8 | | T |
| 101 N17 E28 13DAA 1 | 392008118465501 | 17. | 3918.04 | 10/31/2002 | 8.38 | | S |
| | | | | 12/12/2002 | 8.32 | | S |
| | | | | 01/07/2003 | 8.40 | | S |
| | | | | 01/27/2003 | 8.35 | | S |
| | | | | 03/17/2003 | 8.47 | | S |
| | | | | 04/02/2003 | 8.41 | | S |
| | | | | 05/14/2003 | 8.15 | | S |
| | | | | 08/22/2003 | 8.15 | | S |
| | | | | 09/10/2003 | 8.61 | | S |
| 101 N17 E29 05BCAA1 | 392208118452701 | 28. | 3927.67 | | 7.3 | | T |
| | | | | 03/17/2003 | 7.8 | | T |
| | | | | 05/14/2003 | 7.3 | | T |
| | | | | 09/10/2003 | 6.5 | | T |
| 101 N17 E29 12BBBB1 | 392132118411001 | 50. | 3910.27 | 12/12/2002 | 2.7 | | T |
| | | | | 03/17/2003 | 1.9 | | T |
| | | | | 05/14/2003 | 1.6 | | T |
| | | | | 09/10/2003 | 1.7 | | T |
| 101 N17 E29 12BBBB4 | 392132118411004 | 15. | 3910.16 | 12/12/2002 | 2.8 | | T |
| | | | | 03/17/2003 | 2.0 | | T |
| | | | | 05/14/2003 | 1.6 | | T |
| 101 N15 F20 10DD CC1 | 201052110455001 | 22 | 2000 | 09/10/2003 | 1.6 | | T |
| 101 N17 E29 19DDCC1 | 391853118455801 | 23. | 3908. | 12/12/2002 | 7.9 | | T |
| | | | | 03/17/2003 | 8.1 | | T |
| | | | | 05/14/2003 | 8.2 | | T |
| 101 N17 E30 20CDCC1 | 201957119292901 | 24. | 3913. | 09/10/2003
09/08/2003 | 8.5
13.6 | | T
T |
| 101 N17 E30 20CDCC1
101 N18 E28 02BABB1 | | 24.
27. | 3913.
3970. | | 7.2 | | T |
| 101 N16 E26 02DADD1 | 392733116464301 | 21. | 3970. | 12/12/2002
03/17/2003 | 7.2 | | T |
| | | | | 05/14/2003 | 7.6 | | T |
| | | | | 09/10/2003 | 6.6 | | T |
| 101 N18 E28 08DACB1 | 392609118513401 | 29. | 3972. | 12/12/2002 | 7.2 | | T |
| 101 1410 E20 00D/1CB1 | 372007110313401 | 2). | 3712. | 03/17/2003 | 7.8 | | T |
| | | | | 09/10/2003 | 5.8 | | T |
| 101 N18 E28 12ABAC1 | 392642118470901 | 15. | 3960. | 10/31/2002 | 7.2 | | T |
| 101 1(10 220 121251101 | 5,20.2110.,0,01 | 10. | 2700. | 12/12/2002 | 7.4 | | T |
| | | | | 01/07/2003 | 7.6 | | T |
| | | | | 01/27/2003 | 7.7 | | T |
| | | | | 03/17/2003 | 8.0 | | T |
| | | | | 04/02/2003 | 8.03 | | S |
| | | | | 05/14/2003 | 7.5 | | T |
| | | | | 08/22/2003 | 6.4 | | T |
| | | | | 09/09/2003 | 6.9 | | T |
| 101 N18 E29 18AADD1 | 392540118454501 | 23. | 3951.17 | 12/12/2002 | 7.8 | | T |
| | | | | 03/17/2003 | 8.8 | | T |
| | | | | 05/15/2003 | 7.8 | | T |
| | | | | 09/10/2003 | 6.7 | | T |
| | | | | | | | |

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

Well

Depth

Local Well No Site Identification (Feet)

 $\label{eq:GROUND-WATER LEVELS}$ NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

| 1,2,72 | ANDS SHALLOW AQ | | Elevation | | | ow Land S | urface) |
|---------------------|---------------------|--------|-----------|--------------------------|--------------|-----------|---------|
| | | Well | (Feet | - | | | |
| I1 W-11 N- | C:4- T.14:6:4: | | Above Sea | | (E4) | Ctatasa | M-d1 |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method |
| 101 N19 E27 15ADDA1 | 393043118555101 | 21. | 4021.73 | 12/12/2002 | | D | |
| | | | | 03/17/2003 | | D | |
| 101 N19 E27 22DBAB1 | 302048118561101 | 13. | 4022. | 09/10/2003
12/12/2002 | 10.9 | D | T |
| 101 N19 E27 22DBAB1 | 392946116301101 | 13. | 4022. | 03/17/2003 | 12.2 | | T |
| | | | | 05/14/2003 | 11.5 | | T |
| | | | | 09/10/2003 | 10.5 | | T |
| 101 N19 E27 36DDCD1 | 392828118534901 | 26. | 3998. | 12/12/2002 | 16.4 | | T |
| | | | | 03/17/2003 | 16.1 | | T |
| | | | | 05/14/2003 | 16.1 | | T |
| 101 N10 F20 07DCDD1 | 202142110522201 | 26 | 4015.22 | 09/10/2003 | 16.4 | | T |
| 101 N19 E28 07BCBB1 | 393142118533201 | 26. | 4015.22 | 12/13/2002
03/17/2003 | 21.4
21.4 | | T
T |
| | | | | 09/10/2003 | 21.4 | | T |
| 101 N19 E28 11ABB 1 | 393155118483001 | 97. | 3982.11 | 09/08/2003 | 30.1 | | T |
| 101 N19 E28 11ABB 2 | 393155118483002 | 35. | | 09/08/2003 | | D | |
| 101 N19 E28 17DAAC1 | | 14. | 4001.52 | 10/31/2002 | 7.7 | | T |
| | | | | 12/13/2002 | 8.5 | | T |
| | | | | 01/07/2003 | 9.1 | | T |
| | | | | 01/27/2003 | 9.5 | | T |
| | | | | 03/17/2003 | 10.3 | | T |
| | | | | 04/03/2003
05/16/2003 | 10.5
9.8 | | T
T |
| | | | | 08/22/2003 | 7.3 | | T |
| | | | | 09/09/2003 | 7.1 | | T |
| 101 N19 E28 19CCCB1 | 392926118533001 | 18. | 4000. | 10/31/2002 | 7.1 | | T |
| | | | | 12/12/2002 | 7.4 | | T |
| | | | | 01/07/2003 | 7.6 | | T |
| | | | | 01/27/2003 | 7.8 | | T |
| | | | | 03/17/2003 | 6.1 | | T |
| | | | | 04/02/2003
05/14/2003 | 8.27
8.0 | | S
T |
| | | | | 08/22/2003 | 7.0 | | T |
| | | | | 09/09/2003 | 7.0 | | T |
| 101 N19 E28 20ABC 1 | 393004118514201 | 29. | 4002. | 10/31/2002 | 13.9 | | T |
| | | | | 12/13/2002 | 14.1 | | T |
| | | | | 01/07/2003 | 14.3 | | T |
| | | | | 01/27/2003 | 14.4 | | T |
| | | | | 03/17/2003 | 14.6 | | T |
| | | | | 04/03/2003
05/16/2003 | 14.5
14.7 | | T
T |
| | | | | 08/22/2003 | 14.6 | | T |
| | | | | 09/09/2003 | 14.1 | | T |
| 101 N19 E28 20ABDA1 | 393006118515101 | 24. | 4006. | 12/13/2002 | 13.6 | | T |
| | | | | 01/07/2003 | 13.7 | | T |
| | | | | 01/27/2003 | 13.8 | | T |
| | | | | 03/17/2003 | 14.1 | | T |
| | | | | 04/03/2003 | 14.2 | | T |
| | | | | 05/16/2003
08/22/2003 | 14.5
14.3 | | T
T |
| | | | | 09/09/2003 | 14.3 | | T |
| 101 N19 E28 23DCCA1 | 392925118482001 | 30. | 3975. | 10/31/2002 | 14.8 | | T |
| | | | | 12/13/2002 | 15.1 | | T |
| | | | | 01/07/2003 | 15.2 | | T |
| | | | | 01/27/2003 | 15.4 | | T |
| | | | | 03/18/2003 | 15.6 | | T |
| | | | | 04/03/2003 | 15.7 | | T |
| | | | | 05/16/2003
08/22/2003 | 14.9
14.7 | | T
T |
| | | | | 09/09/2003 | 14.7 | | T |
| | | | | 22. 32. 2003 | | | • |

NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

| | _ :_ // _ | ANDS SHALLOW AQ | Well | Elevation
(Feet | | evel (Belo | | urface) |
|-----|----------------------|---------------------|------|---------------------|--------------------------|------------|--------|---------|
| | Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method |
| 101 | N19 E28 32BAAB1 | 392829118520001 | 13. | 3996. | 10/31/2002 | 7.8 | | T |
| 101 | 1117 E20 32B1111B1 | 3,202,110320001 | 15. | 3770. | 12/12/2002 | 8.7 | | T |
| | | | | | 01/07/2003 | 9.2 | | T |
| | | | | | 01/27/2003 | 9.5 | | T |
| | | | | | 03/17/2003 | 10.1 | | T |
| | | | | | 04/02/2003 | 8.36 | | S |
| | | | | | 08/22/2003 | 7.5 | | T |
| | | | | | 09/09/2003 | 7.4 | | T |
| 101 | N19 E28 34BCAA1 | 392817118495501 | 13. | 3980. | 12/12/2002 | 4.8 | | T |
| | | | | | 03/17/2003 | 5.7 | | T |
| | | | | | 05/14/2003 | 4.7 | | T |
| | | | | | 09/10/2003 | 4.2 | | T |
| 101 | N19 E29 02BABB1 | 393252118415901 | 21. | 3927.38 | 12/13/2002 | 9.0 | | T |
| | | | | | 03/17/2003 | 9.7 | | T |
| | | | | | 05/16/2003 | 9.1 | | T |
| | | | | | 09/10/2003 | 8.8 | | T |
| 101 | N19 E29 14ACB 2 | 393049118413501 | 12. | 3931.36 | 12/13/2002 | | D | |
| | | | | | 03/17/2003 | | D | |
| | | | | | 05/16/2003 | | D | |
| | 1110 F20 AAGGE G1 | 202021110120001 | 4.0 | 2025 | 09/10/2003 | | D | _ |
| 101 | N19 E29 23CCDC1 | 392924118420901 | 19. | 3937. | 12/13/2002 | 7.0 | | T |
| | | | | | 03/17/2003 | 7.0 | | T |
| | | | | | 05/16/2003 | 8.5 | | T |
| 101 | N10 E20 24 A DDD1 | 202002110402001 | 10 | 2020 | 09/10/2003 | 6.5 | | T |
| 101 | N19 E29 24ABDD1 | 393003118402001 | 12. | 3920. | 10/31/2002 | 7.2 | | T |
| | | | | | 12/13/2002 | 6.8 | | T
T |
| | | | | | 01/07/2003
01/27/2003 | 6.4
6.5 | | T |
| | | | | | 03/18/2003 | 6.2 | | T |
| | | | | | 04/03/2003 | 5.8 | | T |
| | | | | | 05/15/2003 | 5.6 | | T |
| | | | | | 08/22/2003 | 6.9 | | T |
| | | | | | 09/09/2003 | 7.2 | | T |
| 101 | N19 E29 32BCBB1 | 392816118453901 | 21. | 3955. | 12/12/2002 | 8.2 | | T |
| | | | | | 03/17/2003 | | N | |
| 101 | N19 E29 33ABAC1 | 392825118435501 | 28. | 3949.02 | 12/12/2002 | 9.1 | | T |
| | | | | | 03/17/2003 | 10.1 | | T |
| | | | | | 05/15/2003 | 8.0 | X | T |
| | | | | | 09/10/2003 | 6.8 | X | T |
| 101 | N19 E29 35DAA 1 | 392759118411601 | 10. | 3935.59 | 12/12/2002 | 7.6 | | T |
| | | | | | 03/17/2003 | 7.9 | | T |
| | | | | | 09/10/2003 | 6.5 | | T |
| 101 | N19 E30 04BBBC1 | 393248118374901 | 15. | 3900.23 | 09/10/2003 | 8.0 | | T |
| | N19 E30 08BAAA1 | | 9. | 3907. | 09/10/2003 | 3.5 | | T |
| 101 | N19 E30 10CDDA1 | 393114118361001 | 15. | 3904. | 12/13/2002 | 5.8 | | T |
| | | | | | 03/17/2003 | 5.9 | | T |
| | | | | | 05/15/2003 | 5.3 | | T |
| | | | | | 12/13/2002 | 6.3 | | T |
| | | | | | 03/18/2003 | 6.4 | | T |
| | | | | | 05/15/2003 | 6.4 | | T |
| 101 | N10 E20 12 A C A A 1 | 202052119222501 | 12 | 2000 | 09/10/2003 | 6.1 | | T |
| 101 | N19 E30 13ACAA1 | 373034118333301 | 12. | 3900. | 10/31/2002
12/13/2002 | 4.0
4.8 | | T
T |
| | | | | | 01/07/2003 | 5.3 | | T |
| | | | | | 03/18/2003 | 5.5
6.0 | | T |
| | | | | | 04/03/2003 | 4.8 | | T |
| | | | | | 05/15/2003 | 3.8 | | T |
| | | | | | 08/22/2003 | 3.3 | | T |
| | | | | | 09/09/2003 | 3.8 | | T |
| 101 | N19 E30 23DBDD2 | 392938118344301 | 11. | 3908.79 | 10/31/2002 | 3.2 | | T |
| | | | | | 12/13/2002 | 4.2 | | T |
| | | | | | 01/07/2003 | 4.8 | | T |
| | | | | | 01/27/2003 | 5.1 | | T |
| | | | | | | | | |

 $\label{eq:ground-water} \mbox{Levels}$ NEWLANDS SHALLOW AQUIFER MONITORING PROJECT--Continued

| | | | Well | Elevation
(Feet | Water L | evel (Belo | ow Land S | urface) |
|-------|------------------------------------|---------------------|-----------|---------------------|--------------------------|-------------|-----------|---------|
| | Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method |
| | | | | | | <u> </u> | Status | |
| 101 1 | N19 E30 23DBDD2 | 392938118344301 | 11. | 3908.79 | 03/18/2003
04/03/2003 | 5.9
5.5 | | T
T |
| | | | | | 05/15/2003 | 5.5
3.9 | | T |
| | | | | | 08/22/2003 | 3.9 | | T |
| | | | | | 09/09/2003 | 3.4 | | T |
| 101 1 | N19 E30 33ABAB2 | 392828118370702 | 18. | 3917.36 | 12/13/2002 | 8.8 | | T |
| | | | | | 03/17/2003 | 8.7 | | T |
| | | | | | 05/15/2003 | 8.6 | | T |
| | | | | | 09/10/2003 | 8.9 | | T |
| | N19 E30 33ADD 1 | 392758118365101 | 11. | | 09/10/2003 | 8.8 | | T |
| 101 1 | N19 E30 34BAA 1 | 392828118361201 | 25. | 3914.19 | 10/31/2002 | 9.6 | | T |
| | | | | | 12/13/2002
01/07/2003 | 9.6
9.7 | | T
T |
| | | | | | 01/07/2003 | 9.7
9.6 | | T |
| | | | | | 03/17/2003 | 9.6 | | T |
| | | | | | 04/03/2003 | 9.6 | | T |
| | | | | | 05/15/2003 | 9.4 | | T |
| | | | | | 08/22/2003 | 9.7 | | T |
| | | | | | 09/09/2003 | 9.6 | | T |
| 101 1 | N19 E30 34BAA 2 | 392828118361202 | 13. | 3914.18 | 10/31/2002 | 9.6 | | T |
| | | | | | 12/13/2002 | 9.6 | | T |
| | | | | | 01/07/2003 | 9.7 | | T |
| | | | | | 01/27/2003 | 9.4 | | T |
| | | | | | 03/17/2003
04/03/2003 | 9.6
9.6 | | T
T |
| | | | | | 05/15/2003 | 9.4 | | T |
| | | | | | 08/22/2003 | 9.7 | | T |
| | | | | | 09/09/2003 | 9.7 | | T |
| 101 1 | N19 E31 11AACA1 | 393153118275301 | 81. | 3940. | 09/10/2003 | 40.7 | | T |
| 101 1 | N19 E31 16BBDB1 | 393106118305301 | 25. | 3897. | 12/13/2002 | 6.5 | | T |
| | | | | | 03/17/2003 | 5.8 | | T |
| | | | | | 05/15/2003 | 5.5 | | T |
| | | | | | 09/10/2003 | 6.4 | | T |
| 101 1 | N19 E31 16BCAA1 | 393056118304901 | 30. | 3903. | 12/13/2002 | 7.0 | | T |
| 101 1 | N20 E28 21DDDC1 | 202442119501901 | 67 | 2056 69 | 05/15/2003
09/08/2003 | 6.8
4.7 | | T
T |
| | N20 E28 21DDDC1
N20 E28 21DDDC2 | | 67.
9. | | 09/08/2003 | 5.5 | | T |
| | N20 E28 21BBBC2
N20 E28 22BCA 1 | 393515118495601 | 87. | | 09/08/2003 | 31.05 | | S |
| | N20 E28 22BCA 2 | 393515118495602 | 35. | | 09/08/2003 | 31.5 | | T |
| | N20 E28 32AAD 1 | 393335118512701 | 32. | | 09/08/2003 | 10.2 | | T |
| 01 1 | N20 E28 32AADA2 | 393335118512702 | 22. | 3977.04 | 09/08/2003 | 10.0 | | T |
| 101 1 | N20 E28 32CAD 1 | 393309118515901 | 128. | 3990.37 | 09/08/2003 | 20.6 | | T |
| 101 1 | N20 E29 22CBAC1 | 393458118431101 | 12. | 3914.02 | 12/13/2002 | 9.4 | | T |
| | | | | | 01/07/2003 | 9.3 | | T |
| | | | | | 01/27/2003 | 9.2 | | T |
| | | | | | 05/16/2003 | 9.0 | | T |
| | | | | | 08/22/2003 | 10.0 | | T |
| 101 1 | N20 E30 35DBDD1 | 393309118344701 | 27. | 3891. | 09/09/2003
09/10/2003 | 10.1
8.8 | | T
T |
| | N20 E30 33DBDD1
N20 E31 07BDCA1 | | 20. | | 12/13/2002 | 13.9 | | T |
| | | | 25. | 230 1.02 | 03/18/2003 | 13.4 | | T |
| | | | | | 05/15/2003 | 13.2 | | T |
| | | | | | 09/10/2003 | 15.1 | | T |
| 101 1 | N20 E31 33CACB3 | 393311118304703 | 28. | 3890.44 | 12/13/2002 | 1.9 | | T |
| | | | | | 03/17/2003 | 3.5 | | T |
| | | | | | 05/15/2003 | 3.8 | | T |
| | | | | | 09/10/2003 | 2.9 | | T |
| 101 1 | N20 E32 33BBBD1 | | 100 | 3936. | 09/10/2003 | 38.7 | | T |
| 101 | N21 E28 24BBA 1 | 394046118472601 | 109. | 3903.36 | 09/08/2003 | 9.0 | | T |

QUALITY OF WATER RUBY VALLEY

Water-quality measurements in the following table were made in cooperation with the Nevada Department of Water Resources and the U.S. Fish and Wildlife Service to collect water-quality data in Ruby Valley. Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 30.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Station | number | Statio | n name | | | | Dat | te T | ime | Sample
type | Depth
of
well,
feet
below
LSD
(72008) | Depth
to
water
level,
feet
below
LSD
(72019) | Baro-
metric
pres-
sure,
mm Hg
(00025) |
|-----------|---------|--------|-----------|-----------|---------|----------|-----------|---------|----------|----------------|---|---|---|
| 401913115 | 265701 | 17 | 6 N28 E5 | 8 09CBDB1 | | | 10-0 | 8-02 1 | 000 ENV | /IRONMENTAI | 240. | 79.71 | 615 |
| 402360115 | 190101 | 17 | 6 N29 E5 | 9 15BBBC1 | | | 10-1 | 0-02 1 | 130 ENV | /IRONMENTAI | <u>.</u> | 7.50 | 613 |
| 402555114 | 591801 | 17 | 8A N30 E6 | 2 33CAC 1 | | | 10-0 | 9-02 1 | 400 ENV | /IRONMENTAI | | 35.89 | 612 |
| 403334115 | 155101 | 17 | 6 N31 E5 | 9 24ABBC1 | | | 10-0 | 9-02 0 | 845 ENV | /IRONMENTAI | 33. | 5.90 | 615 |
| | | Dis- | рН, | Specif. | | | | | | | Alka-
linity | Bicar- | Carbon-
ate, |
| | | solve | | - | | | | Magnes | - Potas | 3 – | wat flt | | wat flt |
| | Dis- | oxygen | | | Temper | - Temper | - Calcium | - | sium, | | | | incrm. |
| | solved | percen | | | | _ | | | | | | | titr., |
| Date | oxygen, | of sat | - std | uS/cm | air, | water | , fltrd | , fltrd | | | mg/L as | field, | field, |
| | mg/L | uratio | n units | 25 degC | deg C | deg C | mq/L | mq/L | mq/I | mq/L | CaCO3 | mq/L | mq/L |
| | (00300) | (00301 |) (00400 |) (00095) | (00020) | (00010 | (00915 | (00925 |) (00935 | s) (00930) | (39086) | (00453) | (00452) |
| | | | | | | | | | | | | | |
| 10-08-02 | 8.2 | 98 | 7.9 | 340 | 19.5 | 13.2 | 45.2 | 13.5 | 1.37 | 14.4 | 172 | 210 | <1 |
| 10-10-02 | | | 8.9 | 2000 | 19.5 | 13.0 | 1.20 | .910 | | 502 | 1010 | 1100 | 68 |
| 10-09-02 | .1 | 1 | 7.5 | 1040 | 20.5 | 16.0 | 59.4 | 40.5 | 24.4 | 144 | 194 | 237 | <1 |
| 10-09-02 | .1 | 1 | 7.6 | 504 | 17.5 | 10.0 | 69.0 | 7.98 | 2.48 | 36.1 | 249 | 304 | <1 |
| | | | | | | | | Residue | | | Deu- | | |
| | | | | | | | | on | | | terium/ | 0-18 / | |
| | | | | Chlor- | Fluor- | | | evap. | | Mangan- | Protium | 0-16 | |
| | | | Bromide | ide, | ide, | Silica, | Sulfate | at | Iron, | ese, | ratio, | ratio, | |
| | | | water, | water, | water, | water, | water, | 180degC | water, | water, | water, | water, | |
| | | Date | fltrd, | fltrd, | fltrd, | fltrd, | fltrd, | wat flt | fltrd, | | | unfltrd | |
| | | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | ug/L | | | per mil | |
| | | | (71870) | (00940) | (00950) | (00955) | (00945) | (70300) | (01046) | (01056) | (82082) | (82085) | |
| | 10 | -08-02 | .04 | 7.15 | .29 | 18.0 | 16.0 | 222 | <10 | <2.0 | -124 | -16.33 | |
| | | -10-02 | .49 | 89.2 | 2.04 | 47.0 | 7.8 | 1330 | <30 | E4.3 | -137 | -17.30 | |
| | | -09-02 | .66 | 114 | 1.21 | 49.6 | 300 | 883 | 2620 | 80.0 | -128 | -16.73 | |
| | 10 | -09-02 | .05 | 8.39 | 1.98 | 47.7 | 23.6 | 346 | 78 | 57.2 | -127 | -16.55 | |

Remark codes used in this report:

< -- Less than
E -- Estimated value

RUBY VALLEY

Water-level data were collected in the Ruby Valley area, northeast Nevada as part of a cooperative study with the Nevada Division of Water Resources and the U.S. Fish and Wildlife Service. The purpose of the study is to provide an annual water budget for Ruby Valley and to determine the hydrologic response to changes in seasonal recharge.

Water Level Status: O, obstructed; V, foreign substance.

Water Level Method: S, steel tape; T, electric tape.

The following sites are shown in figure 30.

| | | 337.11 | Elevation | Water L | evel (Belov | v Land S | urface) |
|-----------------------|---------------------|--------|---------------------|--------------------------|------------------|----------|---------|
| | | Well | (Feet | | | | |
| Local Well No | Site Identification | (Feet) | Above Sea
Level) | Date | (Feet) | Status | Method |
| 176 N25 E57 11BBBC1 | 400405115314901 | 120. | 6012. | 10/22/2002 | 3.6 | | T |
| | | | | 01/14/2003 | 3.6 | | T |
| | | | | 05/20/2003 | 3.7 | | T |
| 176 N25 E57 14ADBC1 | 400258115305901 | | 6062. | 10/22/2002 | 26.3 | | T |
| | | | | 05/20/2003 | 26.4 | | T |
| 176 N25 E57 14BDDC1 | 400252115312701 | 185. | 6090. | 10/22/2002 | 59.6 | | T |
| | | | | 05/20/2003 | 59.8 | | T |
| 176 N25 E57 24BABB1 | 400222115302001 | 79. | 6090. | 10/22/2002 | 41.9 | | T |
| | | | | 05/20/2003 | 43.0 | | T |
| 176 N25 E58 03DDBA1 | 400417115251901 | | 6090. | 10/22/2002 | 86.8 | | T |
| | | | | 01/14/2003 | 87.2 | | T |
| | | | | 05/20/2003 | 86.8 | | T |
| 176 N25 E58 27BAAA1 | 400131115254501 | 150. | 6123. | 10/22/2002 | 123.8 | | T |
| | | | | 01/14/2003 | 123.8 | | T |
| | | | | 05/20/2003 | 123.8 | | T |
| 176 N25 E58 29ABDC2 | 400119115274801 | 150. | 6132. | 10/22/2002 | 129.3 | | T |
| | | | | 01/14/2003 | 129.3 | | T |
| | | | | 05/20/2003 | 129.4 | | T |
| 176 N25 E58 29ABDC3 | 400119115274802 | 350. | 6132. | 10/22/2002 | 129.4 | | T |
| | | | | 01/14/2003 | 129.4 | | T |
| | | | | 05/20/2003 | 129.4 | | T |
| 176 N26 E58 05ABAA1 | 401012115272901 | | 5967. | 10/22/2002 | 4.48 | | S |
| | | | | 01/14/2003 | 3.54 | | S |
| 454 NA (D50 40DDDD4 | 100000115051101 | | 6004 | 05/20/2003 | 2.77 | | S |
| 176 N26 E58 10DDBB1 | 400838115251101 | | 6004. | 10/22/2002 | 27.8 | | T |
| | | | | 01/14/2003 | 27.8 | | T |
| 156 NOCE50 16DD 1 1 1 | 400005115065401 | | 5060 | 05/20/2003 | 27.68 | | S |
| 176 N26 E58 16BBAA1 | 400827115265401 | | 5969. | 10/22/2002 | 11.09 | | S |
| | | | | 01/14/2003 | 10.28 | | S |
| 176 N27 E50 06D ADD1 | 401515115294001 | | 6120 | 05/20/2003 | 9.45 | | S
S |
| 176 N27 E58 06BADD1 | 401313113284901 | | 6120. | 10/22/2002
01/16/2003 | 137.17
137.65 | | S
S |
| | | | | 05/19/2003 | 137.88 | | S |
| 176 N27 E58 18BCCA1 | 401222115202901 | | 6050. | 10/22/2002 | 67.62 | | S |
| 170 N27 E36 16BCCA1 | 401323113292601 | | 0030. | 01/16/2003 | 65.07 | | S |
| | | | | 05/19/2003 | 63.82 | | S |
| 176 N27 E58 28DBDD1 | 401121115262301 | 73. | 6000. | 10/22/2002 | 27.17 | | S |
| 170 1127 230 2000001 | 101121113202301 | 75. | 0000. | 01/14/2003 | 26.72 | | S |
| | | | | 05/20/2003 | 26.49 | | S |
| 176 N27 E59 02DDBD1 | 401437115170401 | | 6283. | 10/22/2002 | | O | ~ |
| | | | | 05/20/2003 | 121.53 | | S |
| 176 N27 E59 10ABCD1 | 401417115182701 | | 6226. | 10/22/2002 | 72 | | T |
| | | | | 05/20/2003 | 71.9 | | T |
| 176 N28 E58 02CADA1 | 402001115241301 | 45. | 5953. | 10/22/2002 | 7.4 | | T |
| | | | | 05/20/2003 | 7.3 | | T |
| 176 N28 E58 09CBDB1 | 401913115265701 | 240. | 6040. | 10/23/2002 | 79.7 | | T |
| | | | | 01/14/2003 | 76.8 | | T |
| | | | | 05/21/2003 | 76.8 | | T |
| 176 N28 E58 14DDCB1 | 401805115235401 | 65. | 5963. | 10/22/2002 | 4.1 | | T |
| | | | | 05/20/2003 | 3.7 | | T |
| 176 N28 E58 15CCBB1 | 401813115255201 | 152. | 5990. | 10/22/2002 | 30.6 | | T |
| | | | | 01/16/2003 | 30.26 | | S |
| | | | | 05/20/2003 | 28.94 | | S |

RUBY VALLEY--Continued

| | | Well | Elevation
(Feet | Water L | evel (Belov | v Land S | urface) |
|-----------------------|---------------------|------|---------------------|--------------------------|----------------|----------|---------|
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method |
| 176 N28 E58 16CBAA1 | 401827115265601 | 200. | 6010. | 10/22/2002 | 50.7 | | T |
| 170 N20 L30 10CB/M11 | 401027113203001 | 200. | 0010. | 01/16/2003 | 50.1 | | T |
| | | | | 05/20/2003 | 48.6 | | T |
| 176 N28 E58 22DBDA1 | 401728115250501 | 64. | 5968. | 10/22/2002 | 7.0 | | T |
| | | | | 01/16/2003 | 6.6 | | T |
| | | | | 05/20/2003 | 6.4 | | T |
| 176 N28 E59 06CBC 1 | 402001115214601 | 180. | 5956. | 10/22/2002 | 4.0 | | T |
| | | | | 05/20/2003 | 3.5 | | T |
| 176 N28 E59 09CDAA1 | 401900115200001 | 44. | 5994. | 10/22/2002 | 36.9 | | T |
| | | | | 01/16/2003 | 37.2 | V | T |
| 176 NOO EEO 17GAGA 1 | 401010115210001 | 70 | (012 | 05/20/2003 | 37.1 | | T |
| 176 N28 E59 17CACA1 | 401818113210001 | 72. | 6012. | 10/22/2002
01/16/2003 | 52.04
52.08 | | S
S |
| | | | | 05/20/2003 | 52.08 | | S |
| 176 N28 E59 29DDBC1 | 401623115203101 | 290. | 6094. | 10/22/2002 | 113.1 | | T |
| 170 1020 E37 27DDDE1 | 401023113203101 | 270. | 0074. | 01/16/2003 | 113.1 | | T |
| | | | | 05/20/2003 | 113.1 | | T |
| 176 N29 E59 15BBBC1 | 402360115190101 | | 5954. | 05/21/2003 | 7.4 | | T |
| 176 N29 E60 16BDBD1 | | 116. | 6028. | 05/20/2003 | 91.57 | | S |
| | | | | 10/24/2002 | 132.75 | | S |
| | | | | 01/14/2003 | 130.00 | | S |
| 176 N29 E61 05BDBD1 | 402529115071201 | | 6056. | 05/20/2003 | 130.02 | | S |
| 176 N30 E59 22DCA 1 | 402744115181001 | 121. | 5954. | 05/21/2003 | 11.7 | | T |
| | | | | 10/24/2002 | 7.39 | | S |
| 15(NA) E() (ADDD 1 | 402012115005201 | 150 | 6017 | 05/21/2003 | 6.2 | | T |
| 176 N30 E60 02DDD 1 | 403013115095201 | 150. | 6017. | 10/22/2002 | 96.2 | | T |
| | | | | 01/16/2003
05/20/2003 | 91.6
91.6 | | T
T |
| 176 N30 E60 03DCB 1 | 403018115112901 | 76. | 5990. | 10/22/2002 | 36.22 | | S |
| 170 N30 E00 03DCB 1 | 403010113112301 | 70. | 3770. | 01/16/2003 | 36.4 | | T |
| 176 N30 E60 05ABCD1 | 403050115134401 | 26. | 5968. | 05/21/2003 | 15.0 | | T |
| 176 N30 E60 06ACAD1 | | | 5964. | 05/21/2003 | 14.69 | | S |
| 176 N31 E59 24ABBC1 | 403334115155101 | 33. | 5980. | 10/24/2002 | 6.90 | | S |
| | | | | 01/16/2003 | 5.9 | | T |
| 176 N31 E60 04CACD1 | 403535115123701 | | 5991. | 10/22/2002 | 10.25 | | S |
| | | | | 05/20/2003 | 10.12 | | S |
| 176 N31 E60 23BCCA1 | 403316115103501 | 101. | 5987. | 10/22/2002 | 41.88 | | S |
| 456 NO4 E60 04B 4 BB4 | 100150115150101 | | 5050 | 05/20/2003 | 42.04 | | S |
| 176 N31 E60 31BABB1 | 403152115150101 | | 5970. | 10/24/2002 | 6.39 | | S |
| 176 N31 E60 34AABD1 | 402149115105201 | | 5978. | 05/21/2003
10/22/2002 | 5.71
37.22 | | S
S |
| 170 N31 E00 34AABD1 | 403146113103301 | | 3976. | 01/16/2003 | 37.24 | | S |
| | | | | 05/20/2003 | 37.24 | | S |
| 176 N31 E61 17CAAB1 | 403401115064501 | 207. | 6043. | 10/24/2002 | 173.70 | | S |
| 176 N32 E60 09DBDA1 | | | 6030. | 10/21/2002 | 12.6 | | T |
| | | | | 01/15/2003 | 12.8 | | T |
| 176 N33 E60 21BDCD1 | 404335115123801 | | 6155. | 10/24/2002 | 16.8 | | T |
| | | | | 01/15/2003 | 16.94 | | S |
| 176 N33 E60 21BDCD1 | | | 6155. | 05/19/2003 | 16.2 | | T |
| 176 N33 E60 24DDDA1 | 404315115082701 | 200. | 6188. | 10/24/2002 | 149.5 | | T |
| 484 3700 844 455 45 | 10.111=11====== | | ,,,,, | 01/15/2003 | 149.8 | | T |
| 176 N33 E61 18CBDC1 | 40441/115081501 | | 6280. | 10/24/2002 | 214.6 | | T |
| 179 A N20 E42 19CDCD: | 1 402027115012601 | | 6022 | 05/19/2003 | 215.24 | | S |
| 178A N30 E62 18CDCB | 1 40262/113013601 | | 6033. | 10/24/2002
05/20/2003 | 75.50
75.70 | | S
S |
| 178A N30 E62 33CAC 1 | 402555114591801 | | 6030. | 10/09/2002 | 35.9 | | S
T |
| 17011130 E02 33CAC 1 | .02000117071001 | | 5050. | 05/20/2003 | 35.9 | | T |
| | | | | | 22.1 | | |

QUALITY OF WATER

TRACY SEGMENT

Water-quality measurements in the following table were made in cooperation with Storey County to collect water-quality data of ground water in the Tracy Segment Hydrographic Area. <u>Depths and Water Levels:</u> Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 32.

| Station | number | Lo | ocal Ident | ification | ı | | Date | . Ti | | ample
type | Depth
of
well,
feet
below
LSD
(72008) | Depth
to
water
level,
feet
below
LSD
(72019) | Flow
rate,
instan-
taneous
gal/min
(00059) |
|------------------------|--|--|---|---|--|--|--|---|--|--|---|---|---|
| 392238119 | 344301 | 08 | 3 N18 E2 | 1 36CCBD1 | | | 06-19- | 02 12 | 00 ENVI | RONMENTAL | 138 | -23.00 | 50.0 |
| 393032119 | | 08 | | 1 17DDAD1 | | | 11-20- | | | RONMENTAL | 138. | | |
| 393108119 | | 08 | | 0 14AAAC1 | | | 12-17- | | | RONMENTAL
RONMENTAL | 161. | 3.49 | 1.0 |
| 393108119
393243119 | | 08
08 | | 0 14AAAC2
1 01ADDA1 | | | 12-17-
12-12- | | | RONMENTAL | 26.
35. | 16.26
24.27 | .20 |
| 393247119 | 350301 | 08 | 3 N19 E2 | 1 01BCAB1 | | | 12-05- | 02 12 | 30 ENVI | RONMENTAL | 25. | 11.14 | |
| 393312119 | | 08 | | 2 31DDBA1 | | | 12-04- | | | RONMENTAL | | 53.56 | |
| 393316119 | 283901 | 08 | 3 N20 E2 | 2 35DACD1 | | | 03-19- | 03 14 | 00 ENVI | RONMENTAL | 275. | 147.44 | |
| 393324119 | | 08 | | 2 31DAAC1 | | | 09-05- | | | RONMENTAL | 25. | 11.22 | |
| 393615119 | 200001 | 08 | 3 N20 E2 | 4 18BDBB1 | | | 06-20- | 02 12 | 40 ENVI | RONMENTAL | 500. | 109.00 | |
| 393718119 | 170201 | 08 | 3 N20 E2 | 4 09AAAA1 | | | 12-11- | 02 12 | 15 ENVI | RONMENTAL | 43. | 26.35 | .80 |
| Date | Baro- metric pres- sure, mm Hg (00025) | Dis-
solved
oxygen,
mg/L
(00300) | Dis-
solved
oxygen,
percent
of sat-
uration
(00301) | pH,
water,
unfltrd
field,
std
units
(00400) | Specif.
conduc-
tance,
wat unf
uS/cm
25 degC
(00095) | Temper-
ature,
air,
deg C
(00020) | Temper-
ature,
water,
deg C
(00010) | Calcium
water,
fltrd,
mg/L
(00915) | Magnes-
ium,
water,
fltrd,
mg/L
(00925) | Potas-
sium,
water,
fltrd,
mg/L
(00935) | Sodium,
water,
fltrd,
mg/L
(00930) | Alka-
linity,
wat flt
inc tit
field,
mg/L as
CaCO3
(39086) | Bicar-
bonate,
wat flt
incrm.
titr.,
field,
mg/L
(00453) |
| 06-19-02 | 620 | 5.8 | 78 | 8.2 | 306 | 22.0 | 19.5 | 26.4 | 9.35 | 6.04 | 21.7 | 136 | 166 |
| 11-20-02 | 646 | .1 | 2 | 6.7 | 640 | | 16.0 | 35.4 | 16.7 | 6.64 | 81.4 | 158 | 193 |
| 12-17-01 | 655 | | | 8.5 | 882 | | 19.5 | 5.97 | .534 | 4.20 | 170 | 210 | 256 |
| 12-17-01 | 655 | 3.0 | 34 | 7.6 | 789 | | 13.5 | 6.23 | 2.16 | 1.93 | 146 | 169 | 206 |
| 12-12-02 | | | | 6.9 | 440 | | 16.0 | 38.1 | 17.8 | 7.11 | 29.0 | 165 | 201 |
| 12-05-02 | 657 | 2.1 | 25 | 6.0 | 236 | 12.5 | 16.0 | 16.2 | 5.92 | 3.27 | 19.3 | 58 | 71 |
| 12-04-02 | 658 | 3.0 | 35 | 7.1 | 213 | 15.5 | 15.0 | 17.5 | 9.05 | 6.48 | 12.2 | 79 | 96 |
| 03-19-03 | 653 | 3.6 | 47 | 7.5 | 283 | | 20.0 | 17.0 | 7.63 | 6.19 | 28.0 | 94 | 115 |
| 09-05-02 | 653 | .5 | 6 | 6.7 | 354 | 21.5 | 15.5 | 27.6 | 10.8 | 4.21 | 28.0 | 138 | 168 |
| 06-20-02 | 655 | .1 | <.1 | 7.9 | 3270 | 24.0 | 26.0 | 4.95 | 2.23 | 2.91 | 729 | 1130 | 1380 |
| 12-11-02 | 661 | | | 7.4 | 359 | | 15.5 | 12.3 | 5.62 | 3.63 | 58.0 | 127 | 155 |
| | Carbon-
ate, | | | | | | Residue
on | Ammonia
+ | | Nitrite
+ | | Ortho-
phos- | |
| Date | wat flt
incrm.
titr.,
field,
mg/L
(00452) | Bromide
water,
fltrd,
mg/L
(71870) | Chloride,
water,
fltrd,
mg/L
(00940) | Fluor-
ide,
water,
fltrd,
mg/L
(00950) | Silica,
water,
fltrd,
mg/L
(00955) | Sulfate
water,
fltrd,
mg/L
(00945) | evap.
at
180degC
wat flt
mg/L
(70300) | org-N,
water,
fltrd,
mg/L
as N
(00623) | water,
fltrd,
mg/L
as N | nitrate
water
fltrd,
mg/L
as N
(00631) | Nitrite
water,
fltrd,
mg/L
as N
(00613) | phate,
water,
fltrd,
mg/L
as P
(00671) | Alum-
inum,
water,
fltrd,
ug/L
(01106) |
| 06-19-02 | <1 | .04 | 3.47 | .11 | 59.0 | 15.4 | 225 | <.10 | <.04 | .96 | <.008 | E.01 | <1 |
| 11-20-02 | <1 | .13 | 41.7 | .30 | 46.9 | 117 | 461 | E.08 | <.04 | <.06 | <.008 | .02 | <2 |
| 12-17-01 | <1 | .12 | 31.7 | 2.8 | 21.6 | 139 | 496 | <.10 | <.04 | <.05 | <.008 | .02 | 4 |
| 12-17-01 | <1 | .15 | 51.7 | 2.4 | 24.1 | 105 | 434 | <.10 | <.04 | .68 | <.008 | .13 | 7 |
| 12-12-02 | <2 | .08 | 16.0 | <.17 | 59.9 | 27.0 | 312 | E.07 | <.04 | 3.00 | <.008 | .18 | <2 |
| 12-05-02 | <1 | .06 | 17.8 | <.17 | 29.5 | 20.8 | 162 | <.10 | <.04 | .72 | <.008 | .08 | <2 |
| 12-04-02 | <1 | .03 | 7.76 | <.17 | 50.4 | 18.1 | 181 | <.10 | <.04 | .43 | <.008 | .07 | <2 |
| 03-19-03 | <1 | .07 | 7.43 | <.11 | 69.3 | 29.8 | 228 | <.10 | <.04 | 1.33 | <.008 | .04 | 2 |
| 09-05-02 | <1 | .06 | 16.5 | .14 | 35.5 | 12.1 | 215 | E.05 | <.04 | <.05 | <.008 | .07 | 2 |
| 06-20-02 | <1 | .23 | 83.0 | 2.97 | 20.4 | 356 | 1980 | E.10 | .09 | <.05 | <.008 | .06 | 5 |
| 12-11-02 | <2 | .05 | 16.4 | .60 | 48.8 | 21.4 | 251 | <.10 | <.04 | .89 | <.008 | .10 | <2 |

QUALITY OF WATER

TRACY SEGMENT--Continued

WATER-QUALITY DATA, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

| Date | Anti-
mony,
water,
fltrd,
ug/L
(01095) | Arsenic
water,
fltrd,
ug/L
(01000) | Barium,
water,
fltrd,
ug/L
(01005) | Beryll-
ium,
water,
fltrd,
ug/L
(01010) | Boron,
water,
fltrd,
ug/L
(01020) | Cadmium
water,
fltrd,
ug/L
(01025) | Chromium,
water,
fltrd,
ug/L
(01030) | Cobalt
water,
fltrd,
ug/L
(01035) | Copper,
water,
fltrd,
ug/L
(01040) | Iron,
water,
fltrd,
ug/L
(01046) | Lead,
water,
fltrd,
ug/L
(01049) | Lithium
water,
fltrd,
ug/L
(01130) | Mangan-
ese,
water,
fltrd,
ug/L
(01056) |
|----------------------|--|---|--|--|--|--|---|---|--|---|---|---|--|
| 06-19-02 | .08 | 2.5 | 12 | <.06 | 24 | <.04 | E.5 | .05 | 3.9 | <10 | <.08 | 7.9 | <.1 |
| 11-20-02 | 1.08 | 29.5 | 33 | <.06 | 721 | < .04 | <.8 | .69 | 2.6 | 279 | E.06 | 58.6 | 148 |
| 12-17-01 | <.05 | 214 | 27 | <.06 | 1340 | < .04 | <.8 | .05 | .6 | <10 | <.08 | 79.0 | 15.1 |
| 12-17-01 | .36 | 38.8 | 20 | < .06 | 957 | E.03 | 1.2 | .06 | .9 | 16 | <.08 | 10.1 | 7.9 |
| 12-12-02 | E.26 | 10.0 | 136 | <.06 | 257 | < .04 | E.6 | .08 | 3.5 | <10 | E.07 | 21.9 | .2 |
| | | | | | | | | | | | | | |
| 12-05-02 | E.26 | 3.1 | 57 | <.06 | 258 | E.02 | <.8 | .10 | 1.2 | <10 | 1.43 | 20.2 | <2.0 |
| 12-04-02 | E.21 | 8.2 | 32 | <.06 | 138 | <.04 | 1.1 | .04 | E.2 | E6 | .42 | 9.1 | .8 |
| 03-19-03 | .29 | 8.5 | 34 | <.06 | 64 | .04 | 1.5 | .05 | .6 | <10 | <.08 | 13.6 | 1.7 |
| 09-05-02 | .12 | 2.6 | 94 | <.06 | 300 | E.03 | <.8 | .33 | .9 | 35 | E.04 | 20.7 | 233 |
| 06-20-02 | <.10 | 18.4 | 26 | <.12 | 2470 | .13 | <.8 | E.02 | 2.4 | 340 | <.16 | 916 | 23.1 |
| 12-11-02 | .61 | 103 | 25 | <.06 | 305 | <.04 | <.8 | .04 | 2.6 | <10 | E.05 | 34.4 | .3 |
| Date | Mercury
water,
unfltrd
recover
-able,
ug/L
(71900) | Molyb-
denum,
water,
fltrd,
ug/L
(01060) | Nickel,
water,
fltrd,
ug/L
(01065) | Selen-
ium,
water,
fltrd,
ug/L
(01145) | Silver,
water,
fltrd,
ug/L
(01075) | Stront-
ium,
water,
fltrd,
ug/L
(01080) | Thall-
ium,
water,
fltrd,
ug/L
(01057) | Vanad-
ium,
water,
fltrd,
ug/L
(01085) | Zinc,
water,
fltrd,
ug/L
(01090) | Deu-
terium/
Protium
ratio,
water,
unfltrd
per mil
(82082) | O-18 /
O-16
ratio,
water,
unfltrd
per mil
(82085) | Rn-222
2-sigma
water
unfltrd
pCi/L
(76002) | water, |
| 06-19-02 | <.01 | .8 | .08 | E.2 | <1 | 237 | <.04 | 11.6 | 1 | -118 | -15.29 | 31 | 1110 |
| 11-20-02 | < .02 | 4.9 | 2.37 | E.3 | <.20 | 544 | .07 | .3 | 3 | -87.90 | -10.83 | 37 | 1560 |
| 12-17-01 | <.01 | 6.2 | .23 | < .3 | <1 | 335 | .06 | 3.3 | 4 | -111 | -14.70 | 26 | 480 |
| 12-17-01 | E.01 | 12.7 | .76 | .7 | <1 | 85.7 | < .04 | 18.1 | 15 | -117 | -14.41 | 25 | 370 |
| 12-12-02 | <.02 | 1.0 | .99 | 1.2 | <.20 | 378 | .05 | 8.5 | 3 | -82.00 | -9.80 | 29 | 670 |
| 12-05-02
12-04-02 | <.02 | 1.8 | 1.10 | E.3 | <.20
<.20 | 177
144 | E.04 | 3.5
9.0 | 10
282 | -81.20
-90.80 | -9.85
-11.48 | 30
27 | 940
720 |
| 03-19-03 | .02 | 2.3 | .59 | .6 | | 162 | E.03 | 9.0
37.2 | 282 | -90.80
-122 | -11.48 | 31 | 660 |
| 03-19-03 | .04 | 7.1 | 2.23 | .6
E.3 | <1
<1 | 287 | <.04
<.04 | 2.3 | 24 | -122 | -15.81 | 32 | 960 |
| 06-20-02 | <.01 | 44.8 | .14 | E.3 | <2 | 283 | <.04 | 5.5 | <2 | -86.10 | -10.79 | 36 | 1360 |
| 06-20-02 | <.UI | 44.5 | .14 | < . / | <2 | 203 | <.08 | 5.5 | <∠ | -125 | -15.10 | 30 | 1300 |
| 12-11-02 | <.02 | 6.6 | .40 | 1.3 | <.20 | 124 | .04 | 60.5 | 2 | -88.60 | -11.14 | 28 | 760 |

| Date | Uraniu
natura
water
fltrd
ug/L
(22703 |
|--|--|
| 06-19-02
11-20-02
12-17-01
12-17-01
12-12-02 | |
| 12-05-02
12-04-02
03-19-03
09-05-02
06-20-02 | 1.71 |
| 12-11-02 | 1.72 |

Remark codes used in this report: < -- Less than E -- Estimated value

TRACY SEGMENT HYDROGRAPHIC AREA, NORTHWEST NEVADA

Water-level data were collected in the Tracy Segment Hydrographic Area, northwest Nevada, as part of a cooperative study with Storey County.

The purpose of the study is to evaluate and refine estimates of the ground-water budget and the sustainable long-term perennial yield of aquifer systems in the Tracy Segment Hydrographic area and to characterize the quality of ground water in terms of drinking-water standards for dissolved inorganic constituents.

Water Level Status--P, pumping; R, Recently pumped; W, well destroyed.

Water Level Reference--X, reference level shown is a daily mean.

Water Level Method--H, calibrated pressure gage; S, steel tape; T, electric tape.

The following sites are shown in figure 32.

| | | Well | Elevation
(Feet | | iter Level | (Below Lar | nd Surface | e) |
|-----------------------|---------------------|-----------------|---------------------|------------|------------|------------|------------|--------|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | (Feet) | Reference | Status | Method |
| 083 N18 E21 36CCBD1 | | 138 . | 5795. | 09/19/2000 | -24.0 | X | | Н |
| 005 1110 221 500 0221 | 0,220011,0001 | 100. | 0,,0. | 12/27/2000 | -24.4 | X | | Н |
| | | | | 02/28/2001 | -24.2 | X | | Н |
| | | | | 05/11/2001 | -23.7 | X | | Н |
| | | | | 07/03/2001 | -24.0 | X | | Н |
| | | | | 07/26/2001 | -23.7 | X | | Н |
| | | | | 10/05/2001 | -23.7 | X | | Н |
| | | | | 11/06/2001 | -23.7 | X | | Н |
| | | | | 01/24/2002 | -19.6 | X | | Н |
| | | | | 06/17/2002 | -22.9 | X | | Н |
| 083 N19 E20 14AAAC1 | 393108119415101 | 161. | 4387.6 | 06/11/2001 | 3.7 | 24 | R | Т |
| 005 N17 L20 14AAAC1 | 3/310011/413101 | 101. | 4 307.0 | 06/11/2001 | 3.94 | | K | T |
| | | | | 07/08/2001 | 4 | X | | H |
| | | | | 08/06/2001 | 4.09 | Λ | | T |
| | | | | 08/15/2001 | 4.0 | X | | Н |
| | | | | 09/15/2001 | 4.2 | X | | Н |
| | | | | 10/15/2001 | 4.2 | X | | H |
| | | | | 11/07/2001 | 3.92 | Λ | | Т |
| | | | | 12/17/2001 | 3.49 | | | T |
| | | | | | | v | | |
| | | | | 01/15/2002 | 3.5 | X | | Н |
| | | | | 02/15/2002 | 3.5 | X | | Н |
| | | | | 03/15/2002 | 3.7 | X | | Н |
| | | | | 04/15/2002 | 3.7 | X | | Н |
| | | | | 05/15/2002 | 3.6 | X | | Н |
| | | | | 06/15/2002 | 3.5 | X | | Н |
| | | | | 07/15/2002 | 3.7 | X | | Н |
| | | | | 08/15/2002 | 3.8 | X | | Н |
| | | | | 09/15/2002 | 3.9 | X | | Н |
| | | | | 10/15/2002 | 3.8 | X | | Н |
| | | | | 11/15/2002 | 3.5 | X | | H |
| | | | | 12/02/2002 | 3.64 | | _ | T |
| 83 N19 E20 14AAAC2 | 393108119415102 | 26. | 4387.6 | 06/11/2001 | 16.28 | | R | T |
| | | | | 06/18/2001 | 16.3 | X | | Н |
| | | | | 07/08/2001 | 16.2 | X | | Н |
| | | | | 07/15/2001 | 16.5 | X | Н | Н |
| | | | | 11/15/2001 | 16.5 | X | | Н |
| | | | | 12/17/2001 | 16.26 | | | T |
| | | | | 01/15/2002 | 16.4 | X | | Н |
| | | | | 02/15/2002 | 16.3 | X | | Н |
| | | | | 03/15/2002 | 16.4 | X | | Н |
| | | | | 04/15/2002 | 15.0 | X | | Н |
| | | | | 05/15/2002 | 15.1 | X | | Н |
| | | | | 06/03/2002 | 14.1 | | | T |
| | | | | 06/15/2002 | 15.5 | X | | Н |
| | | | | 07/15/2002 | 16.3 | X | | Н |
| | | | | 08/15/2002 | 16.8 | X | | Н |
| | | | | 09/15/2002 | 16.6 | X | | Н |
| | | | | 10/15/2002 | 16.3 | X | | Н |
| | | | | 11/15/2002 | 15.8 | X | | Н |
| | | | | 12/02/2002 | 16.55 | | | T |

| | SEGMENT ITTERO | Well | Elevation
(Feet | Wa | | (Below Lan | | e) |
|---------------------|---------------------|-----------------|---------------------|--------------------------|----------------|------------|--------|--------|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | (Feet) | Reference | Status | Method |
| 083 N19 E21 01AAAA1 | 393301119341101 | 85. | 4339. | 12/21/2000 | 60.23 | | | S |
| | | | | 12/21/2000 | 60.24 | | | S |
| | | | | 02/15/2001 | 60.2 | | | T |
| | | | | 04/12/2001 | 60.3 | | | T |
| | | | | 05/18/2001 | 60.4 | | | T |
| | | | | 06/25/2001 | 60.6 | | | T |
| | | | | 07/27/2001 | 60.7 | | | T |
| | | | | 08/28/2001 | 60.8 | | | T |
| | | | | 10/12/2001 | 60.8 | | | T |
| | | | | 11/06/2001 | 60.6 | | | T |
| | | | | 12/13/2001 | 60.6 | | | T |
| | | | | 01/23/2002 | 60.4 | | | T |
| | | | | 03/27/2002 | 60.4 | | | T |
| | | | | 05/13/2002 | 60.4 | | | T |
| | | | | 07/09/2002 | 60.5 | | | T |
| 083 N19 E21 01ADBD1 | 202242110240001 | 25 | 4247 | 09/20/2002 | 60.9 | | | T
T |
| 083 N19 E21 01ADBD1 | 393243119340901 | 35. | 4347. | 05/04/2001 | 20.0 | | | T |
| | | | | 05/18/2001
07/27/2001 | 20.2
15.3 | | | T |
| | | | | 10/11/2001 | 14.9 | | | T |
| | | | | 12/13/2001 | 17.6 | | | T |
| | | | | 01/23/2002 | 18.8 | | | T |
| | | | | 03/27/2002 | 20.0 | | | T |
| | | | | 05/13/2002 | 20.5 | | | T |
| | | | | 07/16/2002 | 21.4 | | | T |
| | | | | 09/20/2002 | 22.4 | | | T |
| 083 N19 E21 01BCAB1 | 393247119350301 | 25. | 4331. | 05/04/2001 | 11.2 | | | T |
| | | | | 05/18/2001 | 11.3 | | | T |
| | | | | 06/25/2001 | 3.8 | | | T |
| | | | | 07/27/2001 | 5.9 | | | T |
| | | | | 08/28/2001 | 2.5 | | | T |
| | | | | 10/11/2001 | 5.6 | | | T |
| | | | | 11/06/2001 | 7.88 | | | S |
| | | | | 12/31/2001 | 9.5 | | | T |
| | | | | 01/23/2002 | 10.5 | | | T |
| | | | | 03/27/2002 | 11.5
9.8 | | | T
T |
| | | | | 05/13/2002
07/16/2002 | 9.8
10.4 | | | T |
| | | | | 09/20/2002 | 9.2 | | | T |
| | | | | 12/05/2002 | 11.1 | | | T |
| 083 N19 E22 01AADD1 | 393244119270701 | 575. | 4538. | 07/07/2000 | 322.6 | | | T |
| | | | | 09/14/2000 | 322.98 | | | S |
| | | | | 11/13/2000 | 323.01 | | | S |
| | | | | 02/16/2001 | 323.20 | | | S |
| | | | | 04/03/2001 | 322.9 | | | T |
| | | | | 04/10/2001 | 323.01 | | | S |
| | | | | 04/24/2001 | 323.1 | | | T |
| | | | | 04/25/2001 | 323.0 | | | T |
| | | | | 04/26/2001 | 323.0 | | | T |
| | | | | 04/27/2001 | 322.9 | | | T |
| | | | | 05/01/2001 | 323.0 | | | T |
| | | | | 05/21/2001 | 323.2 | | | T |
| | | | | 06/25/2001
08/01/2001 | 323.0
323.1 | | | T
T |
| | | | | 08/01/2001 | 323.1 | | | T |
| | | | | 10/11/2001 | 323.0 | | | T |
| | | | | 11/06/2001 | 323.1 | | | T |
| | | | | 12/12/2001 | 323.3 | | | T |
| | | | | 01/16/2002 | 323.2 | | | T |
| | | | | 03/26/2002 | 323.2 | | | T |
| | | | | | 323.1 | | | T |
| | | | | 07/08/2002 | 323.2 | | | T |
| | | | | 09/19/2002 | 323.3 | | | T |

| | | Well | Elevation
(Feet | · · · · · · · · · · · · · · · · · · · | | | | |
|--|---------------------|------|---------------------|---------------------------------------|----------------|-----------|--------|--------|
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Reference | Status | Method |
| 083 N19 E22 06CBAB1 | 393234119335401 | 32. | 4364. | 05/04/2001 | 26.1 | | | T |
| 003 1117 E22 000 B11B1 | 373231117333101 | 32. | 1501. | 05/18/2001 | 26.4 | | | T |
| | | | | 06/25/2001 | 21.8 | | | T |
| | | | | 07/27/2001 | 21.3 | | | T |
| | | | | 08/28/2001 | 16.00 | | | T |
| | | | | 11/06/2001 | 22.39 | | | S |
| | | | | 01/23/2002 | 24.9 | | | T |
| | | | | 03/27/2002 | 26.1 | | | T |
| | | | | 05/13/2002
07/16/2002 | 26.7
27.6 | | | T
T |
| 083 N19 E22 31DAAC1 | 393324119330401 | 25. | 4294. | 06/05/2002 | 13.05 | | | T |
| 003 N1) E22 31DAAC1 | 373324117330401 | 23. | 72)7. | 07/15/2002 | 13.8 | X | | Н |
| | | | | 08/06/2002 | 14.0 | X | | Н |
| | | | | 09/05/2002 | 14.25 | | | T |
| | | | | 10/12/2002 | 13.8 | X | | Н |
| | | | | 11/18/2002 | 13.7 | X | | Н |
| | | | | 12/21/2002 | 14.3 | X | | Н |
| | | | | 01/15/2003 | 13.8 | X | | Н |
| | | | | 02/04/2003 | 13.9 | X | | H |
| 002 NIO E22 07 AD A A I | 202202110271001 | 025 | 4700 | 02/28/2003 | 14.03 | | | T |
| 083 N19 E23 07ABAA1 | 393203119261901 | 835. | 4708. | 11/13/2000
02/16/2001 | 471.6
471.8 | | | T
T |
| | | | | 04/10/2001 | 471.8 | | | T |
| | | | | 05/21/2001 | 471.9 | | | T |
| | | | | 06/25/2001 | 471.6 | | | T |
| | | | | 08/01/2001 | 471.8 | | | T |
| | | | | 08/29/2001 | 471.6 | | | T |
| | | | | 10/11/2001 | 471.2 | | | T |
| | | | | 11/06/2001 | 471.7 | | | T |
| | | | | 12/12/2001 | 472.0 | | | T |
| | | | | 01/16/2002 | 471.9 | | | T |
| | | | | 03/26/2002 | 472.0 | | | T |
| | | | | 05/17/2002
07/08/2002 | 471.9
472.0 | | | T
T |
| | | | | 09/20/2002 | 472.0 | | | T |
| 083 N19 E23 29DBAA1 | 392900119251001 | 250. | 5551.5 | | 141.4 | | | T |
| *** **** ==* =* == == == = = = = = = = | | | | 02/16/2001 | 143.4 | | | T |
| | | | | 04/10/2001 | 144.9 | | | T |
| | | | | 05/21/2001 | 148.6 | | | T |
| | | | | 06/25/2001 | 152.1 | | | T |
| | | | | 08/01/2001 | 156.6 | | | T |
| | | | | 08/29/2001 | 158.1 | | | T |
| | | | | 10/11/2001 | 161.6 | | | T |
| | | | | 11/05/2001
12/13/2001 | 163
162.7 | | | T
T |
| | | | | 01/16/2002 | 160.3 | | | T |
| | | | | 03/26/2002 | 160.3 | | | T |
| | | | | 05/16/2002 | 163.0 | | | T |
| | | | | 07/08/2002 | | | P | |
| | | | | 09/19/2002 | 167.2 | | | T |
| 083 N20 E22 21CDCD1 | 393447119312301 | 235. | 4458. | 09/14/2000 | 164.4 | | | T |
| | | | | 02/15/2001 | 164.5 | | | T |
| | | | | 04/12/2001 | 164.6 | | | T |
| | | | | 05/18/2001 | 164.5 | | | T |
| | | | | 06/19/2001
07/27/2001 | 164.5
164.5 | | | T
T |
| | | | | 08/28/2001 | 164.3 | | | T |
| | | | | 10/03/2001 | 164.52 | | | S |
| | | | | 11/06/2001 | 164.39 | | | S |
| | | | | 01/04/2002 | 164.64 | | | S |
| | | | | 03/27/2002 | 164.6 | | | T |
| | | | | 05/14/2002 | 164.5 | | | T |
| | | | | 07/09/2002 | 164.6 | | | T |
| | | | | 09/26/2002 | 164.4 | | | T |

| | | | Elevation | · · | | | | |
|------------------------|---------------------|--------|---------------------|--------------------------|-----------------|------------------|----------|--|
| | | Well | (Feet | | | | | |
| Local Well No | Site Identification | (Feet) | Above Sea
Level) | Date | (Feet) | Reference Status | s Method | |
| 083 N20 E22 21CDCD2 | 393447119312302 | 527. | 4462. | 09/14/2000 | 163.5 | | T | |
| | | | | 02/15/2001 | 163.6 | | T | |
| | | | | 04/12/2001 | 163.7 | | T | |
| | | | | 05/18/2001 | 163.6 | | T | |
| | | | | 06/19/2001 | 163.6 | | T | |
| | | | | 07/27/2001 | 163.6 | | T | |
| | | | | 08/28/2001 | 163.4 | | T | |
| | | | | 10/03/2001 | 163.57 | | S | |
| | | | | 11/06/2001 | 163.49 | | S | |
| | | | | 01/04/2002 | 163.76
163.7 | | S
T | |
| | | | | | 163.7 | | T | |
| | | | | 07/09/2002 | 163.7 | | T | |
| | | | | | 163.5 | | T | |
| 083 N20 E22 26CCCA1 | 393358119292801 | | 4249. | 02/15/2001 | 16.2 | | T | |
| | | | | 04/10/2001 | 16.2 | | T | |
| | | | | 06/25/2001 | 16.8 | | T | |
| | | | | 07/27/2001 | 17.0 | | T | |
| | | | | 08/29/2001 | 17.1 | | T | |
| | | | | 10/12/2001 | 17.2 | | T | |
| | | | | 11/06/2001 | 17.0 | | T | |
| | | | | 12/13/2001 | 16.8 | | T | |
| | | | | 01/23/2002 | 16.8 | | T | |
| | | | | 03/26/2002 | 16.6 | | T | |
| | | | | 05/14/2002
07/09/2002 | 16.5
16.9 | | T
T | |
| | | | | 09/20/2002 | 17.4 | | T | |
| 083 N20 E22 27BCAB1 | 393431119302901 | 665. | 4380. | 09/14/2000 | 114.1 | | T | |
| 003 1120 E22 27 BC/1B1 | 3/3/3/11/302/01 | 005. | 1500. | 11/13/2000 | 114.0 | | T | |
| | | | | 02/15/2001 | 114.1 | | T | |
| | | | | 04/12/2001 | 114.3 | | T | |
| | | | | 05/18/2001 | 114.2 | | T | |
| | | | | 06/25/2001 | 114.3 | | T | |
| | | | | 07/27/2001 | 114.5 | | T | |
| | | | | 08/29/2001 | 114.6 | | T | |
| | | | | 10/03/2001 | 114.72 | | S | |
| | | | | 11/06/2001 | 114.72 | | S | |
| | | | | 12/13/2001 | 114.7 | | T | |
| | | | | 01/23/2002 | 114.9
114.8 | | T | |
| | | | | 03/27/2002
05/17/2002 | 114.8 | | T
T | |
| | | | | 09/20/2002 | 117.5 | | T | |
| 083 N20 E22 27CAAC1 | 393414119301401 | 248. | 4314. | 07/25/2000 | 37.8 | | T | |
| 083 N20 E22 28BCCB1 | | 2.0. | 4373. | 09/14/2000 | 69.26 | | S | |
| | | | | 11/13/2000 | 91.2 | R | T | |
| | | | | 02/15/2001 | 69.7 | | T | |
| | | | | 04/12/2001 | 69.7 | | T | |
| | | | | 05/18/2001 | 69.6 | | T | |
| | | | | 06/19/2001 | 69.5 | | T | |
| | | | | 07/27/2001 | 69.5 | | T | |
| | | | | 08/28/2001 | 69.4 | | T | |
| | | | | 10/03/2001 | 69.84 | | S | |
| | | | | 11/06/2001
01/04/2002 | 72.08
70.08 | | S
S | |
| | | | | 03/27/2002 | 70.08 | | S
T | |
| | | | | 05/13/2002 | 70.3 | | T | |
| | | | | 07/09/2002 | 69.6 | | T | |
| 083 N20 E22 31AADA1 | 393347119330101 | 257. | 4298. | 09/14/2000 | 20.25 | | S | |
| | | | | 02/15/2001 | 20.3 | | T | |
| | | | | 04/12/2001 | 20.3 | | T | |
| | | | | 05/18/2001 | 20.4 | | T | |
| | | | | 06/19/2001 | 20.4 | | T | |
| | | | | | | | | |

| | | 337 11 | Elevation | · · · · · · · · · · · · · · · · · · · | | | e) | |
|------------------------|---------------------|---------------|--------------------|---------------------------------------|----------------|-----------|--------|--------|
| | | Well
Denth | (Feet
Above Sea | | | | | |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Reference | Status | Method |
| 083 N20 E22 31AADA1 | 393347119330101 | 257. | 4298. | 07/27/2001 | 20.4 | | | T |
| | | | | 08/28/2001 | 20.4 | | | T |
| | | | | 10/03/2001 | 20.43 | | | S |
| | | | | 11/06/2001 | 20.38 | | | S |
| | | | | 01/04/2002 | 20.52 | | | S |
| | | | | 03/27/2002 | 20.4 | | | T |
| | | | | 05/13/2002 | 20.2
20.2 | | | T
T |
| | | | | 07/09/2002
09/26/2002 | 20.2 | | | T |
| 083 N20 E22 31DDBA1 | 393312119331201 | | 4327. | 01/10/2002 | 52.9 | | | T |
| 003 1120 222 31222111 | 3,331211,331201 | | 1327. | 01/23/2002 | 53.0 | | | T |
| | | | | 03/27/2002 | 52.9 | | | T |
| | | | | 05/17/2002 | 52.6 | | | T |
| | | | | 05/22/2002 | 52.1 | | | T |
| | | | | 07/16/2002 | 52.6 | | | T |
| | | | | 09/20/2002 | 53.2 | | | T |
| 083 N20 E22 32BBAB1 | 393352119325801 | | 4331. | 09/14/2000 | 47.20 | | | S |
| | | | | 04/12/2001 | 47.3 | | | T |
| | | | | 01/04/2002 | 47.26 | | | S |
| 083 N20 E22 35DACD1 | 393316119283901 | 275. | 4347. | 04/03/2001 | 145.4 | | | T |
| | | | | 04/12/2001 | 145.4 | | | T |
| | | | | 04/24/2001 | 145.4 | | | T |
| | | | | 04/25/2001
04/26/2001 | 145.4
145.4 | | | T
T |
| | | | | 04/27/2001 | 145.5 | | | T |
| | | | | 05/01/2001 | 145.5 | | | T |
| | | | | 05/18/2001 | 145.5 | | | T |
| | | | | 08/28/2001 | 145.6 | | | T |
| | | | | 01/23/2002 | 145.8 | | | T |
| | | | | 03/27/2002 | 145.6 | | | T |
| | | | | 05/17/2002 | 145.3 | | | T |
| | | | | 07/15/2002 | 145.6 | | | T |
| | | | | 09/20/2002 | 146.0 | | | T |
| | | | | 03/19/2003 | 145.9 | | | T |
| 083 N20 E22 36CDAB1 | 393313119275501 | 499. | 4478. | 07/07/2000 | 214.1 | | | T |
| | | | | 09/09/2000 | 213.5 | | | T
T |
| | | | | 11/13/2000
02/01/2001 | 214.4 | | W | 1 |
| 083 N20 E22 36CDAB2 | 393313119275502 | 600. | 4478. | 03/01/2001 | 213.9 | | ** | T |
| 003 1120 122 300 11112 | 3/331311/2/3302 | 000. | 4470. | 04/12/2001 | 213.9 | | | T |
| 083 N20 E22 36CDAB3 | 393313119275503 | 492. | 4560. | 07/07/2000 | 218.4 | | | T |
| | | | | 09/14/2000 | 218.7 | | | T |
| | | | | 03/01/2001 | 218.7 | | | T |
| | | | | 04/12/2001 | 218.7 | | | T |
| | | | | 05/18/2001 | 218.8 | | | T |
| | | | | 06/25/2001 | 218.7 | | | T |
| | | | | 08/29/2001 | 218.8 | | | T |
| | | | | 10/11/2001 | 219.0 | | | T |
| | | | | 12/13/2001 | 219.0 | | | T |
| | | | | 01/23/2002 | | | | T
T |
| | | | | | 218.9
218.6 | | | T |
| 083 N20 E22 36CDAB4 | 393312119275501 | 500. | 4446. | 07/07/2000 | 214.6 | | | T |
| 003 N20 L22 30CDAD4 | 3/331211/2/3301 | 300. | 4440. | 09/14/2000 | 214.9 | | | T |
| | | | | 03/01/2001 | 215.0 | | | T |
| | | | | 04/12/2001 | 214.9 | | | T |
| | | | | 05/18/2001 | 215.0 | | | T |
| | | | | 06/25/2001 | 214.7 | | | T |
| | | | | 08/29/2001 | 215.1 | | | T |
| | | | | 01/23/2002 | 215.3 | | | T |
| | | | | 03/27/2002 | | | | T |
| | | | | 05/17/2002 | | | | T |
| | | | | 07/16/2002 | | | | T |
| | | | | 09/19/2002 | 215.4 | | | T |

| | | | Well | | Elevation (Feet Water Level (Below Land Surface | | | | e) |
|-----|------------------|---------------------|------|---------------------|---|----------------|-----------|--------|--------|
| | Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Reference | Status | Method |
| 083 | N20 E22 36CDAB5 | 202212110275601 | 495. | 4429. | 07/07/2000 | 210.2 | | | Т |
| 003 | N20 E22 30CDAB3 | 393312119273001 | 493. | 4427. | 09/14/2000 | 210.2 | | | T |
| | | | | | 03/01/2001 | 210.4 | | | T |
| | | | | | 04/12/2001 | 210.4 | | | T |
| | | | | | 04/24/2001 | 210.4 | | | T |
| | | | | | 04/25/2001 | 212.7 | | | T |
| | | | | | 04/26/2001 | 214.2 | | | T |
| | | | | | 04/27/2001 | 214.5 | | | T |
| | | | | | 05/01/2001 | 210.6 | | | T |
| | | | | | 05/18/2001 | 210.5 | | | T |
| | | | | | 06/25/2001 | 210.4 | | | T |
| | | | | | 08/29/2001 | 210.6 | | | T |
| | | | | | 01/23/2002 | | | | T |
| | | | | | 03/27/2002 | 210.6 | | | T |
| | | | | | 05/17/2002 | 210.3 | | | T |
| | | | | | 07/16/2002 | 210.5 | | | T |
| | | | | | 09/19/2002 | 210.8 | | | T |
| 083 | N20 E24 08ADCC1 | 393657119182101 | | 4075. | 08/01/2001 | 18.1 | | | T |
| | | | | | 09/07/2001 | 16.1 | | | T |
| | | | | | 10/03/2001 | 16.5 | | | T |
| | | | | | 11/07/2001 | 17.3 | | | T |
| | | | | | 12/12/2001 | 17.7 | | | T |
| | | | | | 01/16/2002 | 17.9 | | | T |
| | | | | | 03/26/2002 | 18.4 | | | T |
| | | | | | 05/14/2002 | 16.9 | | | T |
| | | | | | 07/09/2002 | 16.9 | | | T |
| 083 | N20 E24 08DBAB1 | 393652119182701 | | 4114. | 08/01/2001 | 17.2 | | | T |
| | | | | | 09/07/2001 | 16.5 | | | T |
| | | | | | 10/03/2001 | 17.0 | | | T |
| | | | | | 11/07/2001 | 17.7 | | | T |
| | | | | | 12/12/2001 | 18.1 | | | T |
| | | | | | 01/16/2002 | 18.0 | | | T |
| | | | | | 03/26/2002 | 18.7 | | | T |
| | | | | | 05/14/2002 | 17.4 | | | T |
| 000 | N20 E24 00DDDD1 | 202652110102501 | | 4110 | 07/09/2002 | 17.6 | | | T |
| 083 | N20 E24 08DBBB1 | 393652119183501 | | 4110. | 08/01/2001 | 21.09 | | | S |
| | | | | | 09/07/2001 | 20.52 | | | S |
| | | | | | 10/03/2001 | 20.83 | | | S
S |
| | | | | | 11/07/2001 | 21.56 | | | |
| | | | | | 12/12/2001
01/16/2002 | 21.89
21.81 | | | S
S |
| | | | | | 03/26/2002 | 22.40 | | | S |
| | | | | | 05/20/2002 | 21.39 | | | S |
| | | | | | 07/09/2002 | 21.77 | | | S |
| | | | | | 09/26/2002 | 21.42 | | | S |
| 083 | N20 E24 18BDBB1 | 393615119200001 | 500. | 4167.4 | 05/17/2001 | 90.4 | | R | T |
| 005 | 1120 E21 10BBBB1 | 373013117200001 | 500. | 1107.1 | 06/19/2001 | 99.4 | | R | T |
| | | | | | 08/01/2001 | 108.8 | | | T |
| | | | | | 08/29/2001 | 125.9 | | R | T |
| | | | | | 10/03/2001 | 111.1 | | R | T |
| | | | | | 11/07/2001 | 108.8 | | | T |
| | | | | | 12/12/2001 | 95.3 | | | T |
| | | | | | 01/16/2002 | 100.4 | | | T |
| | | | | | 03/26/2002 | 97.2 | | | T |
| | | | | | 05/14/2002 | 117.4 | | | T |
| | | | | | 06/20/2002 | 201.1 | | P | T |
| | | | | | 09/26/2002 | 148.4 | | P | T |
| | | | | | 06/12/2003 | 112.0 | | | T |
| | | | | | | | | | |

 $\label{eq:GROUND-WATER LEVELS}$ TRACY SEGMENT HYDROGRAPHIC AREA, NORTHWEST NEVADA--Continued

| | | | Elevation | · · · · · · · · · · · · · · · · · · · | | | | | |
|---------------------|---------------------|--------|-----------|---------------------------------------|--------|-----------|--------|--------|--|
| | | Well | (Feet | | | | | | |
| | | _ | Above Sea | | | | | | |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Reference | Status | Method | |
| 083 N21 E22 28BAAA1 | 393446119311701 | 637. | 4455. | 10/08/1992 | 171.65 | | | S | |
| | | | | 12/22/1992 | 170.55 | | | S | |
| | | | | 03/17/1993 | 170.19 | | | S | |
| | | | | 06/23/1993 | 170.41 | | | S | |
| | | | | 08/19/1993 | 170.25 | | | S | |
| | | | | 03/29/1994 | 170.52 | | | S | |
| | | | | 07/22/1994 | 170.34 | | | S | |
| | | | | 09/19/1994 | 170.29 | | | S | |
| | | | | 12/30/1994 | 170.34 | | | S | |
| | | | | 03/30/1995 | 170.35 | | | S | |
| | | | | 09/20/1995 | 170.25 | | | S | |
| | | | | 09/14/2000 | 170.52 | | | S | |
| | | | | 11/13/2000 | 170.47 | | | S | |
| | | | | 02/15/2001 | 170.60 | | | S | |
| | | | | 04/12/2001 | 170.63 | | | S | |
| | | | | 05/18/2001 | 170.45 | | | S | |
| | | | | 06/19/2001 | 170.56 | | | S | |
| | | | | 07/27/2001 | 170.40 | | | S | |
| | | | | 08/28/2001 | 170.30 | | | S | |
| | | | | 10/03/2001 | 170.49 | | | S | |
| | | | | 11/06/2001 | 170.37 | | | S | |
| | | | | 01/04/2002 | 170.68 | | | S | |
| | | | | 03/27/2002 | 170.56 | | | S | |
| | | | | 05/14/2002 | 170.68 | | | S | |
| | | | | 07/09/2002 | 170.72 | | | S | |
| | | | | 09/26/2002 | 170.58 | | | S | |
| 083 N21 E23 33CBBC1 | 393832119245501 | 305. | 5282. | 09/29/2000 | 234.4 | | | T | |
| | | | | 10/24/2000 | 234.7 | | | T | |
| | | | | 12/28/2000 | 235.6 | | | T | |
| | | | | 02/15/2001 | 236.0 | | | T | |
| | | | | 04/12/2001 | 236.6 | | | T | |
| | | | | 05/17/2001 | 237.0 | | | T | |
| | | | | 06/19/2001 | 237.4 | | | T | |
| | | | | 07/27/2001 | 237.7 | | | T | |
| | | | | 10/03/2001 | 238.6 | | | T | |
| | | | | 11/07/2001 | 239.1 | | | T | |
| | | | | 12/12/2001 | 239.5 | | | T | |
| | | | | 01/16/2002 | 239.7 | | | T | |
| | | | | 03/26/2002 | 240.7 | | | T | |
| | | | | 07/09/2002 | 242.0 | | | T | |
| | | | | 09/26/2002 | 242.8 | | | T | |

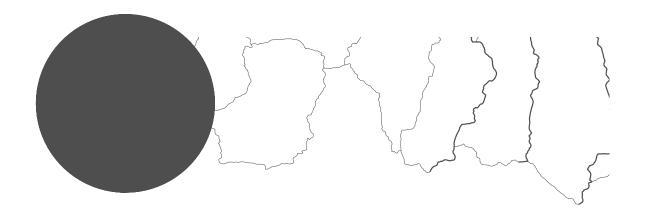


Figure 37. Ground-water sites, southern Nevada.1561491411811722082561493A117802032128

SPRING DISCHARGE CARBONATE ROCK STUDY AREA

Measurement method--C, current meter.

Locations of the following sites are shown in figures 30 and 37..

| | | | Land | asurement | rement | | |
|---------------------|------------------------|------------------------|----------------------------------|------------|--------------------|--------|--|
| Spring Number | Site
Identification | Spring Name | Surface =
Elevation
(Feet) | Date | Discharge
(GPM) | Method | |
| 207 N06 E61 18AADA1 | 382259115090801 | NDW - Hot Creek Spring | 5225. | 04/24/2003 | 4420. | С | |
| | | | | 09/11/2003 | 4760. | C | |
| 207 N07 E62 28ABDC1 | 382624115004001 | Butterfield Spring | 5320. | 04/24/2003 | 978. | C | |
| | | | | 09/11/2003 | 978. | C | |
| 207 N07 E62 33BCAB1 | 382526115011401 | Flag Spring 1 | 5290. | 04/24/2003 | 871. | C | |
| | | | | 09/11/2003 | 915. | C | |
| 207 N07 E62 33BCCB1 | 382522115012001 | Flag Spring 2 | 5280. | 04/24/2003 | 1380. | C | |
| | | | | 09/11/2003 | 1320. | C | |
| 207 N07 E62 33BCCC1 | 382517115012001 | Flag Spring 3 | 5290. | 04/24/2003 | 930. | C | |
| | | | | 09/11/2003 | 800. | C | |
| 207 N09 E61 32DABC1 | 383540115081801 | Moorman Spring | 5295. | 04/24/2003 | 211. | C | |
| | | | | 09/10/2003 | 220. | C | |
| 207 N12 E61 12BDAD1 | 385507114574801 | Cold Springs | 6020. | 04/23/2003 | 350. | C | |
| | | | | 04/23/2003 | 380. | C | |
| | | | | 09/10/2003 | 680. | C | |
| 207 N12 E61 12DBDD1 | 385530115044601 | Nicholas Spring | 5700. | 04/23/2003 | 1260. | C | |
| | | | | 09/10/2003 | 1120. | C | |
| 219 S14 E65 16ABB 1 | 364327114430801 | Muddy River Springs 10 | 1650. | 04/28/2003 | 264.81 | C | |
| | | | | 09/16/2003 | 279. | C | |
| 219 S14 E65 21 1 | 364238114424301 | Muddy River Springs 20 | 1778. | 04/21/2003 | 322.71 | C | |
| | | | | 09/16/2003 | 354. | C | |
| 219 S14 E65 21AAAA1 | 364238114424201 | Muddy River Springs 15 | 1780. | 04/21/2003 | 607.27 | C | |
| | | | | 09/16/2003 | 623. | C | |
| 219 S14 E65 21AAAA2 | 364236114424301 | Warm Springs East | 1790. | 04/21/2003 | 948.38 | C | |
| | | | | 09/16/2003 | 1021. | C | |
| 219 S14 E65 21AAAB2 | 364238114424401 | Muddy River Springs 16 | 1780. | 04/21/2003 | 115.80 | C | |
| | | | | 09/16/2003 | 114. | F | |
| 219 S14 E65 21AABB1 | 364235114425201 | Muddy River Springs 11 | 1800. | 04/21/2003 | 470.82 | C | |
| | | | | 09/16/2003 | 458. | C | |
| 219 S14 E65 21AABB3 | 364236114425401 | Muddy River Springs 13 | 1800. | 04/21/2003 | 302.51 | C | |
| | | | | 09/16/2003 | 350. | C | |
| 219 S14 E65 21AABB4 | 364237114425401 | Muddy River Springs 12 | 1800. | 04/21/2003 | 114.45 | C | |
| | | | | 09/16/2003 | 130. | C | |
| 219 S14 E65 21AABB5 | 364235114425301 | Muddy River Springs 19 | 1800. | 04/21/2003 | 472.62 | C | |
| | | | | 09/16/2003 | 435. | C | |

HIGH-ELEVATION PRECIPITATION NETWORK

CARBONATE ROCK STUDY AREA

High-elevation precipitation data are collected at sites in eastern and southeastern Nevada. Locations of the following sites are shown in figure 33.

| Station Name | Site Identification | Latitude | Longitude | Elevation (feet) | Period | Precipitation (inches) |
|--|---------------------|-----------|------------|------------------|---|------------------------|
| Cave Mountain | 390946114364901 | 39°09'46" | 114°36'49" | 10,650 | 10/31/02 to 06/12/03
06/12/03 to 10/18/03 | 14.00
1.50 |
| Cherry Creek Range | 400726114524701 | 40°07'26" | 114°52'47" | 9,700 | 10/31/02 to 06/12/03
06/12/03 to 10/17/03 | 11.00
4.00 |
| Hayford Peak | 363929115115801 | 36°39'29" | 115°11'58" | 9,840 | 10/30/02 to 06/10/03
06/10/03 to 10/22/03 | 10.00
4.00 |
| Highland Peak | 375337114343801 | 37°53'37" | 114°34'38" | 9,330 | 11/05/02 too 06/11/03
06/11/03 to 10/16/03 | 10.25
3.00 |
| Kawich Range | 380025116273801 | 38°00'25" | 116°27'38" | 9,100 | 08/05/03 to 10/22/03 | 4.00 |
| Kyle Canyon | 361457115373301 | 36°14'57" | 115°37'33" | 7,760 | 11/14/02 to 06/10/03
06/10/03 to 10/24/03 | 0.05
9.00 |
| Lee Canyon | 361822115402501 | 36°18'22" | 115°40'25" | 8,510 | 11/14/02 to 06/10/03
06/10/03 to 10/24/03 | 14.25
5.50 |
| Mt. Hamilton | 391436115323901 | 39°14'36" | 115°32'39" | 10,600 | 10/31/02 to 06/12/03
06/12/03 to 10/17/03 | 6.00
3.00 |
| Mt. Irish | 373915115232801 | 37°39'15" | 115°23'28" | 8,607 | 10/30/02 to 06/10/03
06/10/03 to 10/22/03 | *
2.75 |
| Mt. Washington | 385409114185401 | 38°54'09" | 114°18'54" | 10,440 | 11/04/02 to 06/11/03
06/11/03 to 10/16/03 | 16.50
2.25 |
| Mt. Wilson | 381438114233301 | 38°14'38" | 114°23'33" | 9,200 | 11/05/02 to 06/11/03
06/11/03 to 10/16/03 | 11.25
4.25 |
| Potosi Peak | 355641115294601 | 35°56'41" | 115°29'46" | 8,080 | 11/15/02 to 06/13/03
06/13/03 to 10/15/03 | 0.25
4.75 |
| Quinn Canyon Range | 381157115373101 | 38°11'57" | 115°37'31" | 9,100 | 08/05/03 to 10/22/03 | 1.75 |
| Sheep Peak | 363500115144301 | 36°35'00" | 115°14'43" | 9,600 | 10/30/02 to 06/10/03
06/10/03 to 10/22/03 | 8.00
2.00 |
| Trough Spring | 362240115462101 | 36°22'40" | 115°46'21" | 8,240 | 11/15/02 to 06/13/03
06/13/03 to 10/15/03 | 1.75
6.50 |
| Unnamed peak in South
Delamar Mountains | 372035114432901 | 37°20'35" | 114°43'29" | 7,800 | 10/30/02 to 06/10/03
06/10/03 to 10/22/03 | 5.75
1.75 |
| Unnamed peak Northwest of
Mt. Moriah | 391913114143101 | 39°19'13" | 114°14'31" | 9,300 | 10/31/03 to 06/12/03
06/12/03 to 10/17/03 | 5.75
4.25 |
| Unnamed peak South of
Chokecherry Peak | 373107114433301 | 37°31'07" | 114°43'33" | 7,800 | 11/05/02 to 06/11/03
06/11/03 to 10/16/03 | 5.25
2.00 |

^{*} Site vandalized.

CARBONATE ROCK STUDY AREA

COAL VALLEY

380758115204601. Local number, 171 N03 E59 10BD1.

797.95

797.55

MIN

798.99

797.39

800.00

797.33

799.23

797.56

799.34

797.36

LOCATION.--Lat 38°08'15", long 115°20'20", Hydrologic Unit 16060004, in Nye County.

AQUIFER.--Alluvium of Quaternary age and Paleozoic Carbonate Rock.

INSTRUMENTATION.--Water-level recorder November 1993 to May 1995, January 1999 to June 2000, May 2001 to current year.

DATUM.--Elevation of land-surface datum is 5,560 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, at land-surface datum.

REMARKS.--In Coal Valley. Water level affected by pumping of nearby well.

PERIOD OF RECORD.--December 1980 to November 1993, intermittent; November 1993 to May 1995, continuous; May 1995 to January 1999, intermittent; January 1999 to June 2000, continuous; May 2001 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 797.03 ft below land-surface datum, February 9, 1999; lowest recorded, 804.57 ft below land-surface datum, March 13, 1992.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC JAN FEB APR MAY JUN JUL AUG SEP MAR 797.55 797.76 797.69 797.86 797.36 797.62 798.16 797.69 797.63 797.67 797.68 797.71 797.77 797.63 797.85 797.54 797.43 797.62 797.63 797.62 800.40 797.65 797.71 797.79 797.65 797.73 798.48 797.70 798.82 799.16 797.64 797.66 797.69 797.77 797.69 797.84 797.77 797.58 797.50 798.84 - - -797.63 797.66 797.66 797.71 797.62 5 797.81 797.88 797.81 797.72 797.59 798.49 797.67 - - -797.70 797.64 797.71 797.88 797.82 797.66 797.85 797.68 798.63 797.73 797.52 797.65 797.57 797.65 797.67 797.59 797.81 798.26 797.92 797.47 797.61 797.67 797.61 797.67 797.39 797.89 797.58 797.59 798.99 797.88 797.48 797.60 797.68 797.67 797.55 797.68 797.55 797.76 797.56 797.71 798 54 797 67 797.61 797.56 797 72 797.70 797.55 10 797.62 797.76 797.63 797.60 797.69 798.91 797.61 797.77 797.61 797.69 797.71 797.73 797.72 797.97 800.00 797.72 797.66 797.66 797.60 797.74 797.68 797.60 797.66 797.80 797.67 12 797.95 797.94 798.83 797.83 797.61 798.57 798.54 797.70 797.59 797.64 797.67 13 797.83 797.73 797.74 797.81 798.47 798.57 797.61 797.70 797.67 797.66 797.68 797.73 797.70 14 797.72 798.76 797.65 797.67 798.64 797.58 797.53 797.60 797.74 797.65 797.73 15 797.65 798.99 797.59 797.82 797.74 798.41 797.62 797.61 797.70 797.64 797.69 797.64 797.65 16 797.58 797.85 797.33 797.85 798.87 797.70 797.68 797.71 797.69 797.71 797.56 17 797.58 797.69 797.33 799.23 797.68 797.54 797.50 797.60 797.68 797.71 797.64 797.66 797.70 797.67 797.63 797.66 797.91 797.72 797.58 797.68 797.57 797.69 18 798.41 797.76 797.70 797.94 797.76 797.50 797.70 19 797.78 797.76 799.34 798.91 797.86 797.67 797.69 798.72 799.01 21 797.59 797.77 797.60 797.68 797.75 797.86 797 41 797.72 797 55 797.67 797.68 797.72 22 797.62 797.63 797.57 797.81 797.57 799.60 797.40 797.70 797.55 797.67 797.63 797.71 797.55 797.46 797.58 23 797.66 797.58 797.71 798.44 797.66 797.67 797.67 797.69 ---797.66 797.63 797.72 797.69 797.60 797.72 24 798.97 797.73 797.63 25 797.58 797.77 797.75 797.78 798.39 798.47 797.52 797.56 797.66 797.69 797.75 797.56 797.79 797.82 797.81 797.55 799.55 797.57 797.72 797.66 26 797.72 797.78 797.73 27 797.71 797.80 797.85 797.57 797.53 797.78 797.56 797.83 797.67 797.70 797.66 797.73 28 797.63 797.82 797.50 797.65 797.60 798.30 797.54 797.75 797.63 797.67 797.65 797.46 797.63 797.55 797.67 797.76 797.57 797.66 797.65 797.65 797.70 29 799.93 3.0 797.64 797.67 797.76 797.78 ---797.64 797.59 797.64 797.67 797.70 797.75 799.09 31 797.68 797.60 797.74 797.65 797.70 797.66

799.16

797.40

797.72

797.57

797.72

797.63

STEPTOE VALLEY

385521114503601. Local number, 179 N12 E63 12AB11

LOCATION.--Lat 38°55'21", long 114°50'36", Hydrologic Unit 16060008, in White Pine County. Owner: U.S. Geological Survey.

AQUIFER.-- Carbonate of Paleozoic age.

INSTRUMENTATION.-- Water-level recorder November 2000 to current year.

DATUM.-- Elevation of land-surface datum is 7,320 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 1.3 ft above land-surface datum.

REMARKS.-- Missing days due to equipment malfunction. Values January through June are instantaeous values. Gage is located in Egan Range and is difficult to get to in the winter due to snow.

PERIOD OF RECORD.-- October 1980 to October 2000, intermittent; November 2000 to current year, 4 times per hour.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level recorded, 410.35 ft below land surface datum, July 31, 1984; lowest recorded, 429.36 ft below land surface datum, September 28, 2003.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| | DAILY MEAN VALUES | | | | | | | | | | | |
|-----|-------------------|--------|--------|--------|-----|--------|-----|-----|--------|-----|--------|--------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | 427.31 | 427.65 | 427.86 | | | | | | | | | 427.85 |
| 2 | 427.33 | 427.66 | 427.84 | | | | | | | | | 427.98 |
| 3 | 427.39 | 427.66 | 427.86 | | | | | | | | | 428.05 |
| 4 | 427.45 | 427.63 | 427.91 | | | | | | | | | 428.11 |
| 5 | 427.49 | 427.73 | 427.93 | | | | | | | | | 428.13 |
| 6 | 427.54 | 427.79 | 427.92 | | | | | | | | | 427.99 |
| 7 | 427.50 | 427.72 | | | | | | | | | | 427.79 |
| 8 | 427.45 | 427.57 | | | | | | | | | | 427.52 |
| 9 | 427.45 | 427.60 | | | | | | | | | | 427.52 |
| 10 | 427.44 | 427.73 | 427.96 | | | | | | | | | 428.05 |
| 11 | 427.47 | 427.83 | 427.96 | | | | | | | | | 428.45 |
| 12 | 427.58 | 427.84 | 427.98 | | | | | | | | | 428.27 |
| 13 | 427.56 | 427.81 | 427.96 | | | | | | | | | 428.39 |
| 14 | 427.52 | 427.84 | 427.91 | | | | | | | | | 428.41 |
| 15 | 427.51 | 427.87 | 427.87 | | | | | | | | 427.59 | 428.20 |
| 16 | 427.49 | 427.83 | 427.76 | | | | | | | | 427.50 | 427.88 |
| 17 | 427.48 | 427.77 | 427.74 | | | | | | | | 427.39 | 428.13 |
| 18 | 427.50 | 427.87 | 427.89 | | | 428.44 | | | 428.39 | | 427.39 | 428.56 |
| 19 | 427.53 | | | | | | | | | | 427.49 | |
| 20 | 427.51 | | | | | | | | | | 427.60 | 428.55 |
| 21 | 427.49 | | | | | | | | | | 427.57 | 428.66 |
| 22 | 427.51 | 427.87 | | | | | | | | | 427.43 | 428.69 |
| 23 | 427.53 | 427.78 | | | | | | | | | 427.52 | 428.66 |
| 24 | 427.53 | 427.79 | | | | | | | | | 427.76 | 428.79 |
| 25 | 427.57 | 427.83 | | | | | | | | | 427.75 | 428.92 |
| 26 | 427.63 | 427.87 | | | | | | | | | 427.58 | 428.92 |
| 27 | 427.75 | 427.90 | | 428.05 | | | | | | | 427.61 | 428.91 |
| 28 | 427.71 | 427.93 | | | | | | | | | 427.59 | 428.88 |
| 29 | 427.62 | 427.88 | | | | | | | | | 427.66 | 428.80 |
| 3 0 | 427.61 | 427.86 | | | | | | | | | 427.84 | 429.01 |
| 31 | 427.62 | | | | | | | | | | 427.81 | |
| MAX | 427.75 | | | | | | | | | | | |
| MIN | 427.31 | | | | | | | | | | | |

DRY LAKE VALLEY

374215114453101. Local number, 181 S08 E64 12AC 1,

LOCATION.--Lat 37°42'15", long 114°45'31", Hydrologic Unit 16060009, in Lincoln County.

INSTRUMENTATION.-- Water-level recorder April to September 2003.

DATUM.-- Elevation of land-surface datum is 4,640 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing at marked S, 0.2 ft above land-surface datum.

REMARKS .-- None.

MIN

PERIOD OF RECORD.--April 1983 to March 2003, intermittent; April to September 2003, 4 times per hour.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 393.70 ft below land-surface datum, December 18, 1997; lowest water level measured, 395 ft below land-surface datum, April 16, 1983.

| | | DEPTH BE | LOW LAND | SURFACE | (WATER LEV | | C), WATER
AN VALUES | | OBER 2002 | TO SEPTE | MBER 2003 | |
|-----|-----|----------|----------|---------|------------|-----|------------------------|--------|-----------|----------|-----------|--------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | | | | | | | | 394.10 | 394.02 | 394.01 | 394.00 | |
| 2 | | | | | | | | 394.01 | 393.98 | 394.01 | 393.98 | |
| 3 | | | | | | | | 393.96 | 393.99 | 394.02 | 393.98 | |
| 4 | | | | | | | | 394.02 | 393.98 | 394.02 | 393.98 | |
| 5 | | | | | | | | 394.05 | 394.03 | 394.00 | 393.96 | 394.01 |
| 6 | | | | | | | | 393.98 | 394.02 | 393.95 | 393.97 | 393.97 |
| 7 | | | | | | | | 393.94 | 393.99 | 393.98 | 393.99 | 393.91 |
| 8 | | | | | | | | 393.96 | 393.97 | 394.04 | 393.99 | 393.84 |
| 9 | | | | | | | | 394.04 | 393.96 | | 394.02 | 393.85 |
| 10 | | | | | | | | 394.14 | 393.99 | | 394.03 | 394.01 |
| 11 | | | | | | | | 394.12 | 393.99 | 394.05 | 393.98 | 394.10 |
| 12 | | | | | | | | 394.09 | 393.97 | 394.04 | 393.95 | 393.98 |
| 13 | | | | | | | | 394.07 | 394.03 | 394.01 | 393.99 | |
| 14 | | | | | | | | 394.00 | 394.08 | 394.02 | 394.01 | |
| 15 | | | | | | | | 393.99 | 394.04 | 394.00 | 394.01 | |
| 16 | | | | | | | | 394.05 | 394.04 | 394.04 | | 393.86 |
| 17 | | | | | | | | 394.01 | 394.02 | 394.06 | | 393.92 |
| 18 | | | | | | | | 394.04 | 393.95 | 394.05 | 393.93 | 394.06 |
| 19 | | | | | | | | 394.16 | 393.91 | 394.06 | | |
| 20 | | | | | | | | 394.11 | 393.91 | 394.04 | | |
| 21 | | | | | | | | 394.06 | 393.95 | 394.00 | | 394.00 |
| 22 | | | | | | | | 394.04 | 393.95 | 394.01 | | 393.99 |
| 23 | | | | | | | | 394.02 | 393.90 | 394.01 | | 393.96 |
| 24 | | | | | | | | 393.94 | 394.06 | 393.97 | | 393.98 |
| 25 | | | | | | | | 393.96 | 394.20 | 394.00 | | 394.02 |
| 26 | | | | | | | | 394.05 | 394.16 | 394.06 | | 394.00 |
| 27 | | | | | | | | 394.12 | 394.05 | 394.04 | | 393.98 |
| 28 | | | | | | | | 394.07 | 394.00 | 394.00 | | 393.97 |
| 29 | | | | | | | | 394.01 | 394.00 | 393.98 | | 393.96 |
| 30 | | | | | | | 394.05 | 393.97 | 394.02 | 394.02 | | 394.01 |
| 31 | | | | | | | | 394.00 | | 394.03 | | |
| MAX | | | | | | | | 394.16 | 394.20 | | | |

393.94

393.90

MAX

MIN

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

DELAMAR VALLEY

372639114520901. Local number, 182 S06 E63 12AD 1.

LOCATION.--Lat 36°33'10", long 114°55'25", Hydrologic Unit 16060009, in Lincoln County.

INSTRUMENTATION .-- Water-level recorder May 8, 2003 to current year.

DATUM.-- Elevation of land-surface datum is 4710. ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 2.05 ft above land-surface datum.

REMARKS .-- None.

PERIOD OF RECORD.--May 1980 through March 2003, intermittent; May 8 to present, 4 times per hour.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 862.66 ft below land-surface datum, May 08, 2003; lowest measured, 865.85 ft below land-surface datum, March 15, 1990.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC JAN MAR APR MAY JUN AUG JUL 863.18 863.17 863.26 863.14 2 ------------------------863.14 863.16 863.24 863.19 ------------------------863.22 863.18 3 863.12 863.17 863.10 863.18 863.14 863.15 863.18 6 ---------863.13 863.08 863.18 863.18 ---863.09 ---------------863.10 863.18 863.09 8 863.07 863.17 863.20 862.97 863.03 863.23 10 ------------------863.16 863.07 ---863.26 863.05 11 ---863.20 863.06 863.26 863.21 863.21 12 ---863.21 863.03 863.26 863.16 863.13 13 ------------------863.21 863.09 863.24 863.19 14 ---------863.14 863.17 863.22 863.22 15 ---------------------863.10 863.17 863.21 863.24 ---16 863.17 863.17 ------863.13 863.16 863.29 863.20 17 862.98 18 ___ ___ ___ ___ ___ ___ ___ 863.14 863.08 863.28 863.14 863.15 ------------19 ---------863.31 862.99 863.32 863.16 ---20 - - -------------------863.32 862.93 863.30 863.22 21 863.29 22 ---863.27 862.95 863.24 863.15 863.13 ___ ___ ___ ___ ---------23 863 24 862 86 863 26 863 16 863 10 24 863.14 863.02 863.21 863.23 863.10 ---25 863.10 863.26 863.22 863.21 863.15 26 863.20 863.31 863.29 863.17 863.14 2.7 ---------------------863.31 863.24 863.29 863.17 863.12 28 ---863.30 863.17 863.25 863.16 863.12 ------863.23 863.23 29 863.16 863.13 863.09 30 863.17 863.17 863.25 863.17 ___ ___ 863.18 863.29 863.15 31

863.31

862.86

863.28

863.13

CARBONATE ROCK STUDY AREA COYOTE SPRING VALLEY

364743114533101. Local number, 210 S13 E63 23DDDC1

LOCATION.--Lat 36°47'45", long 114°53'30", Hydrologic Unit 15010012, in Clark County

Owner: U.S. Geological Survey.

AQUIFER .-- Carbonate of Paleozoic age.

INSTRUMENTATION.-- Water-level recorder, July 1986 to September 1988, December 1990 to September 1996, February 1999 to current year.

DATUM.-- Elevation of land-surface datum is 2,173 feet above NGVD 0f 1929, from topographic map. Measuring point is the top lip of the casing 1.0 feet above land-surface.

REMARKS .-- CE-DT-4 Well.

PERIOD OF RECORD.-- December 1980, 1981, 1985, 1986, 1997, 1998, intermittent; July 1986 to September 1986, hourly, (unpublished and available in the files of the U.S. Geological Survey); October 1986 to September 1988, hourly; September 1988 to December 1990, monthly; December 1990 to September 1996, hourly; February 1999 to September 2000, hourly, October 2000 to current year, 4 times per hour.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 350.9 ft below land surface datum, September 27, 1990; lowest recorded, 353.74 ft below land surface datum, April 1, 2003.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

| | | | | | DAI | . LI PALIN VI | THOES | | | | | |
|-----|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | 354.14 | 354.31 | 354.26 | 354.27 | 353.98 | 354.05 | 353.81 | 353.99 | 354.00 | 354.16 | 354.35 | 354.42 |
| 2 | 354.20 | 354.33 | 354.22 | 354.27 | 354.04 | 354.11 | 353.83 | 353.93 | 353.96 | 354.16 | 354.34 | 354.46 |
| 3 | 354.25 | 354.30 | 354.24 | 354.23 | 354.15 | 354.00 | 353.95 | 353.91 | 353.97 | 354.17 | 354.32 | 354.44 |
| 4 | 354.26 | 354.28 | 354.29 | 354.21 | 354.08 | 353.95 | 353.91 | 353.96 | 353.97 | 354.17 | 354.32 | 354.47 |
| 5 | 354.26 | 354.36 | 354.29 | 354.18 | 354.09 | 354.04 | 353.94 | 353.96 | 354.02 | 354.16 | 354.32 | 354.47 |
| 6 | 354.27 | 354.34 | 354.23 | 354.23 | 354.14 | 354.05 | 353.98 | 353.91 | 354.01 | 354.13 | 354.33 | 354.46 |
| 7 | 354.23 | 354.26 | 354.22 | 354.22 | 354.13 | 354.02 | 354.06 | 353.91 | 353.99 | 354.16 | 354.35 | 354.41 |
| 8 | 354.18 | 354.15 | 354.29 | 354.15 | 354.08 | 354.07 | 354.06 | 353.92 | 353.99 | 354.21 | 354.35 | 354.37 |
| 9 | 354.20 | 354.16 | 354.28 | 354.13 | 354.13 | 354.07 | 353.96 | 353.98 | 354.00 | 354.24 | 354.37 | 354.38 |
| 10 | 354.18 | 354.28 | 354.22 | 354.14 | 354.13 | 354.01 | 353.92 | 354.04 | 354.04 | 354.23 | 354.37 | 354.48 |
| 11 | 354.21 | 354.39 | 354.22 | 354.17 | 354.10 | 353.96 | 353.93 | 354.02 | 354.03 | 354.23 | 354.34 | 354.54 |
| 12 | 354.32 | 354.39 | 354.27 | 354.23 | 354.08 | 353.99 | 353.91 | 353.99 | 354.03 | 354.24 | 354.33 | 354.45 |
| 13 | 354.29 | 354.28 | 354.26 | 354.22 | 354.00 | 354.00 | 353.93 | 353.98 | 354.07 | 354.23 | 354.36 | 354.48 |
| 14 | 354.24 | 354.31 | 354.24 | 354.16 | 354.02 | 353.93 | 353.90 | 353.93 | 354.09 | 354.22 | 354.38 | 354.52 |
| 15 | 354.20 | 354.37 | 354.20 | 354.19 | 354.09 | 353.89 | 353.96 | 353.94 | 354.08 | 354.23 | 354.42 | 354.46 |
| 16 | 354.16 | 354.34 | 354.11 | 354.21 | 354.07 | 353.88 | 354.00 | 353.97 | 354.08 | 354.26 | 354.44 | 354.40 |
| 17 | 354.17 | 354.27 | 354.07 | 354.16 | 354.08 | 353.90 | 353.91 | 353.94 | 354.07 | 354.28 | 354.37 | 354.44 |
| 18 | 354.22 | 354.36 | 354.23 | 354.14 | 354.08 | 353.98 | 353.94 | 353.96 | 354.04 | 354.28 | 354.34 | 354.55 |
| 19 | 354.25 | 354.35 | 354.32 | 354.14 | 354.05 | 354.02 | 354.02 | 354.06 | 354.01 | 354.30 | 354.38 | |
| 20 | 354.22 | 354.34 | 354.22 | 354.12 | 354.03 | 354.02 | 353.98 | 354.03 | 354.03 | 354.28 | 354.42 | 354.48 |
| 21 | 354.20 | 354.29 | 354.24 | 354.13 | 354.09 | 354.05 | 353.87 | 354.01 | 354.06 | 354.25 | 354.41 | 354.51 |
| 22 | 354.22 | 354.23 | 354.19 | 354.18 | 354.01 | 354.03 | 353.88 | 353.98 | 354.06 | 354.25 | 354.39 | 354.50 |
| 23 | 354.25 | 354.18 | 354.18 | 354.14 | 353.99 | 353.95 | 353.95 | 353.97 | 354.01 | 354.27 | 354.41 | 354.49 |
| 24 | 354.24 | 354.22 | 354.28 | 354.10 | 353.97 | 353.95 | 353.94 | 353.93 | 354.15 | 354.26 | 354.45 | 354.51 |
| 25 | 354.21 | 354.28 | 354.29 | 354.14 | 353.97 | 354.05 | 353.91 | 353.94 | 354.24 | 354.29 | 354.42 | 354.53 |
| 26 | 354.21 | 354.31 | 354.32 | 354.18 | 354.00 | 353.95 | 353.91 | 354.00 | 354.22 | 354.33 | 354.41 | 354.50 |
| 27 | 354.27 | 354.31 | 354.33 | 354.08 | 354.00 | 353.98 | 353.90 | 354.04 | 354.15 | 354.30 | 354.43 | 354.50 |
| 28 | 354.25 | 354.32 | 354.17 | 354.08 | 354.05 | 354.10 | 353.91 | 354.01 | 354.12 | 354.29 | 354.43 | 354.51 |
| 29 | 354.21 | 354.25 | 354.11 | 354.14 | | | 353.92 | 353.98 | 354.13 | 354.30 | 354.41 | 354.51 |
| 3 0 | 354.25 | 354.26 | 354.25 | 354.14 | | 354.07 | 353.95 | 353.97 | 354.16 | 354.32 | 354.43 | 354.54 |
| 31 | 354.27 | | 354.18 | 354.12 | | 353.93 | | 353.99 | | 354.35 | 354.41 | |
| MAX | 354.32 | 354.39 | 354.33 | 354.27 | 354.15 | | 354.06 | 354.06 | 354.24 | 354.35 | 354.45 | |
| MIN | 354.14 | 354.15 | 354.07 | 354.08 | 353.97 | | 353.81 | 353.91 | 353.96 | 354.13 | 354.32 | |

HIDDEN VALLEY

363308114553001. Local number, 217 S16 E63 09DDAB1,

LOCATION.--Lat 36°33'10", long 114°55'25", Hydrologic Unit 15010012, in Clark County.

Owner: U.S. Geological Survey.

AQUIFER .-- Carbonate of Paleozoic age.

INSTRUMENTATION.-- Water-level recorder October 2001 to September 2002.

DATUM.-- Elevation of land-surface datum is 2,648.8 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 0.6 ft above land-surface datum.

REMARKS .-- None.

PERIOD OF RECORD.--December 1985 to September 2001, intermittent; October 2001 to September 2002, 4 times per hour.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 830.30 ft below land surface datum, on May 30, 1989; lowest water level recorded, 833.2 ft below land surface datum, December 30, 1985.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY OCT NOV DEC FEB MAR SEP JAN APR MAY NUL JUL AUG 832.07 832.33 832.27 832.38 831.95 832.07 831.97 832.19 832.15 832.22 832.35 832.18 832.16 832.45 831.92 832.10 832.17 832.42 832.23 831.91 832.09 832.22 832.32 832.28 3 832 33 832 40 832 20 832 40 832 22 832 05 832 11 832 03 832 07 832 23 832 27 832 25 4 832.38 832.35 832.32 832.37 832.08 831.89 832.06 832.11 832.04 832.21 832.25 832.29 832.41 832.55 832.35 832.27 832.08 832.08 832.04 832.13 832.12 832.18 832.22 832 32 5 832.56 832.23 832.37 832.16 832.17 832.48 832.18 832.03 832.13 832.11 832.21 832.42 832.38 832.18 832.42 832.21 832.13 832.37 831.97 832.08 832.13 832.22 832.17 8 832.30 832.12 832.34 832.24 832.10 832.25 832.46 831.99 832.04 832.22 832.23 832.03 832.30 832.07 832.35 832.17 832.20 832.33 832.26 832.10 832.04 832.29 832.27 831.99 10 832.24 832.13 11 832.26 832.56 832.18 832.24 832.18 832.10 832.12 832.30 832.10 832.28 832.22 832.38 12 832.52 832.58 832.28 832.41 832.13 832.14 832.07 832.26 832.08 832.29 832.17 832.24 832.37 832.51 832.25 832.43 831.94 832.19 832.09 832.24 832.15 832.26 832.22 832.22 13 832.38 832.41 832.23 832.31 831.96 832.04 832.01 832.13 832.23 832.24 832.27 832.35 14 832.28 832.57 832.11 832.36 832.12 831.92 16 832.15 832.54 831.88 832.46 832.10 831.84 832.24 832.20 832.20 832.27 832.41 832.06 17 832.13 832.33 831.71 832.34 832.14 831.83 832.00 832.11 832.18 832.35 832.25 832.05 18 832.21 832.54 832.00 832.31 832.13 832.02 832.05 832.13 832.09 832.33 832.15 832.33 832.28 832.56 832.31 832.29 832.08 832.18 832.25 832.35 832.00 832.40 832.22 20 832.23 832.56 832.11 832.23 832.01 832.20 832.23 832.35 831.97 832.36 832.30 832.18 21 832.16 832.45 832.14 832.22 832.17 832.31 831.95 832.29 832.02 832.28 832.29 832.22 22 832.16 832.30 832.05 832.36 831.99 832.35 831.90 832.23 832.02 832.26 832.21 832.24 832.11 832.01 832.29 831.93 832.16 832.06 832.20 831.90 832.30 832.22 23 832.19 24 832.20 832.19 832 24 832.19 831.85 832 13 832 09 832 09 832 10 832 25 832 31 832 21 2.5 832.14 832.25 832.32 832.27 831.83 832.39 832.03 832.05 832.40 832.27 832.26 832.27 26 832.10 832.36 832.43 832.39 831.89 832.21 832.03 832.19 832.37 832.22 832.42 832.23 832.25 832.36 832.53 832.18 831.90 832.20 832.02 832.30 832.29 832.32 832.26 28 832 24 832.42 832 21 832.12 832.02 832.49 832 02 832 26 832 19 832 29 832 24 832 23 29 832 12 832 26 831 99 832 27 ---832 03 832 19 832 19 832 28 832 18 832 20 832.61 832.13 832.32 30 832.18 832.27 832.30 832.29 832.10 832.24 832.24 832.27 832.30 832.21 31 832.23 832.19 832.26 832.16 832.38 832.41 MAX 832.52 832.58 832.53 832.46 832.24 832.46 832.35 832.42 832.40 MIN 832.07 832.07 831.71 832.12 831.83 ---831.90 831.97 831.90 832.11 832.15 ---

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS CARBONATE ROCK STUDY AREA

County code--003, Clark; 017, Lincoln; 023, Nye; 033, White Pine.

Depths, perforated interval, and elevation--Depths are referenced to land-surface datum (LSD). Elevation is that of LSD, with reference to sea level.

Water Level Method--S, steel tape; t, electric tape; V, calibrated electric tape.

Water Level Accuracy--0, water level accurate to the nearest foot1, water level accurate to the nearest tenth of a foot;

2, water level accurate to the nearest one-hundreth of a foot.

Locations of following sites are shown in figures 30 and 37.

| | | Period | C · | 337.33 | | orated
al (feet) | Elevation | Water Le | vel (Belo | ow Land | Surface) |
|-----------------------|---------------------|--------------|----------------|---------------|------|---------------------|---------------------------|--------------------------|------------------|---------|----------|
| Local Well No | Site Identification | of
Record | County
Code | Well
Depth | Тор | Bottom | (Feet Above
Sea Level) | Date | Feet | Method | Accuracy |
| 156 N03 E50 13CA 1 | 380652116200901 | 1981 | 023 | 682. | | | 5350. | | 314.02 | | 1 |
| | | | | | | | | 03/17/2003 | 313.95 | | 1 |
| | | | | | | | | 06/23/2003 | 313.86 | | 0 |
| | | | | | | | | 09/22/2003 | 314.03 | | 0 |
| 156 N07 E51 10AD 1 | 382901116125201 | 1980 | 023 | 480. | | | 5600. | 12/03/2002 | 235.98 | | 2 |
| | | | | | | | | 03/17/2003 | 236.06 | | 2 |
| | | | | | | | | 06/23/2003 | 235.83 | | 1 |
| 51 NOTES 04 1 | 255745115244201 | 1006 | 015 | 1560 | 011 | 1560 | 4022 | 09/22/2003 | 235.87 | | 1 |
| 171 N01 E58 24 1 | 375547115244201 | 1996 | 017 | 1560. | 911. | 1560. | 4932. | | 128.88 | | 2 |
| | | | | | | | | 03/19/2003 | 128.99 | | 2 |
| | | | | | | | | 06/25/2003 | 129.17 | | 1 |
| 170 NOO E57 OODD C 1 | 200122115222501 | 1000 | 017 | 1010 | | | 5550 | 09/24/2003 | 129.20 | | 1 |
| 172 N02 E57 22BBC 1 | 380132115333501 | 1980 | 017 | 1010. | | | 5550. | 12/05/2002 | 406.13 | | 1 |
| | | | | | | | | 03/19/2003 | 406.40 | | 1 |
| | | | | | | | | 06/25/2003 | 406.72 | | 0 |
| 72 N03 E59 10BD 1 | 200750115204601 | 1980 | 023 | 1837. | | | 5560. | 09/24/2003 | 406.93 | | 0 |
| 1/2 NU3 E39 10BD 1 | 380758115204601 | 1980 | 023 | 1837. | | | 3300. | 12/05/2002 | 797.92 | | 1 |
| | | | | | | | | 03/19/2003 | 797.94 | | 0 |
| | | | | | | | | 08/15/2003 | 797.60 | | 0 |
| 72D NO2 E52 02D 4 - 2 | 290006116050502 | 1000 | 022 | 405 | | | 5010 | 09/24/2003 | 797.76 | | 0
2 |
| 73B N03 E52 02DA 2 | 380900110030302 | 1980 | 023 | 495. | | | 5010. | 12/03/2002 | 233.51
233.57 | | 2 |
| | | | | | | | | 03/17/2003 | | | |
| | | | | | | | | 06/23/2003 | 233.54 | | 1 |
| 72D N10 E50 17CA AD1 | 1204220115202701 | 1000 | 022 | £0.1 | 270 | 560 | £12£ | 09/22/2003 | 223.65 | | 1 |
| 73B N10 E58 17CAAB1 | 1 384338115283601 | 1980 | 023 | 581. | 279. | 560. | 5135. | 12/03/2002 | 270.78 | | 2 |
| | | | | | | | | 03/17/2003 | 271.78 | | 2
1 |
| | | | | | | | | 06/23/2003 | 272.36 | | |
| 72D N11 E57 00CDD 1 | 294020115242001 | 1049 | 023 | 186. | | | 5075 | 09/22/2003 | 273.24
159.80 | | 1 |
| 73B N11 E57 09CDB 1 | 384920113343001 | 1948 | 023 | 180. | | | 5075. | 12/03/2002 | 159.80 | | 2
2 |
| | | | | | | | | 03/17/2003
06/23/2003 | 159.63 | | 1 |
| | | | | | | | | 09/22/2003 | 159.05 | | 1 |
| 79 N12 E63 12AB 1 | 385521114503601 | 1980 | 033 | 948. | 500 | 940 | 7320. | 12/04/2002 | 427.75 | | 1 |
| 79 N12 E03 12AB 1 | 363321114303001 | 1960 | 033 | 940. | 300 | 940 | 1320. | 01/27/2003 | 428.05 | | 1 |
| | | | | | | | | 03/18/2003 | 428.44 | | 0 |
| | | | | | | | | 06/24/2003 | 428.39 | | 0 |
| | | | | | | | | 08/15/2003 | 427.59 | | 0 |
| | | | | | | | | 09/23/2003 | 428.87 | | 0 |
| 80 N07 E63 14BADD1 | 292907114521001 | 1980 | 017 | 460. | 375. | 250. | 6008. | 12/05/2002 | | | 2 |
| .60 NU/ E03 14BADD1 | 30200/114321001 | 1960 | 017 | 400. | 373. | 230. | 0008. | 03/19/2003 | 219.43 | | 2 |
| | | | | | | | | 06/25/2003 | 219.09 | | 1 |
| | | | | | | | | 09/24/2003 | 219.74 | | 1 |
| 81 N03 E63 27CAA 1 | 380531114534201 | 1980 | 017 | 2395. | | | 5560. | 12/05/2002 | | | 1 |
| .61 NOS EOS 27CAA 1 | 360331114334201 | 1900 | 017 | 2393. | | | 3300. | 03/19/2003 | 847.53 | | 1 |
| | | | | | | | | 06/25/2003 | 847.38 | | 0 |
| | | | | | | | | 09/24/2003 | 847.07 | | 0 |
| 81 N04 E64 07DC 1 | 381256114500701 | 1981 | 017 | 1190. | | | 5530 | 12/05/2002 | | | 2 |
| OI NOT EUT U/DC I | 381256114500701 | 1901 | 017 | 1190. | | | 5530. | 03/19/2003 | 254.07
254.63 | | 2 |
| | | | | | | | | | 254.63 | | |
| | | | | | | | | 06/25/2003 | 253.92 | | 1
1 |
| 92 NO6 E66 25C 1 | 382003114322501 | 1046 | 017 | 161 | | | 5050 | 09/24/2003 | | | |
| 83 N06 E66 35C 1 | 302003114322301 | 1946 | 017 | 161. | | | 5950. | | 153.32 | | 2 |
| | | | | | | | | 03/20/2003 | 152.01 | | 2 |
| | | | | | | | | 06/26/2003 | 152.98 | | 2 |
| | | | | | | | | 09/25/2003 | 154.90 | S | 2 |
| | | | | | | | | 09/25/2003 | 154.90 | S | |

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS--Continued CARBONATE ROCK STUDY AREA

| | 0.11120 | | | | | | | | | | |
|----------------------|---------------------|--------------|--------|---------|------|---------------------|--------------------------|--------------------------|------------------|---------|----------|
| | | Period
of | County | Well | | orated
al (feet) | Elevation
(Feet Above | | vel (Belo | ow Land | Surface) |
| Local Well No | Site Identification | Record | Code | Depth | Тор | Bottom | Sea Level) | Date | Feet | Method | Accuracy |
| 183 N07 E66 16DC 1 | 382753114341301 | 1980 | 017 | 97. | | | 5915. | 12/06/2002 | 20.19 | S | 2 |
| | | | | | | | | 03/19/2003 | 20.27 | S | 2 |
| | | | | | | | | 06/25/2003 | 20.48 | S | 2 |
| | | | | | | | | 09/24/2003 | 20.77 | S | 2 |
| 183 N08 E65 02D 1 | 383502114383201 | 1964 | 017 | 130. | | | 5975. | 03/19/2003 | 32.36 | S | 2 |
| | | | | | | | | 06/25/2003 | 32.16 | | 2 |
| | | | | | | | | 09/24/2003 | 32.39 | S | 2 |
| 184 N09 E68 30AAAB1 | 383704114225001 | 1980 | 017 | 679. | 559. | 679. | 6010. | 12/04/2002 | 225.37 | V | 2 |
| | | | | | | | | 03/18/2003 | 225.43 | V | 2 |
| | | | | | | | | 06/24/2003 | 225.43 | T | 1 |
| 104 N10 F/7 224 A 1 | 204210114261401 | 1000 | 022 | 100 | | | 5000 | 09/23/2003 | 225.24 | S | 2 |
| 184 N10 E67 22AA 1 | 384310114261401 | 1980 | 033 | 100. | | | 5889. | 12/04/2002 | 65.69 | S | 2 |
| | | | | | | | | 03/18/2003
06/24/2003 | 65.96
65.89 | S
S | 2 |
| | | | | | | | | 09/23/2003 | 65.82 | | 2 2 |
| 184 N11 E68 19DCDC1 | 384745114224401 | 1981 | 033 | 200. | | | 5906. | 12/04/2002 | 99.10 | | 2 |
| 104 N11 L00 17DCDC1 | 304743114224401 | 1701 | 033 | 200. | | | 3700. | 03/18/2003 | 99.34 | | 2 |
| | | | | | | | | 06/24/2003 | 99.51 | S | 2 |
| | | | | | | | | 09/23/2003 | 99.67 | S | 2 |
| 184 N13 E67 18DCAB1 | 385920114294001 | 1960 | 033 | 120. | | | 5850. | 12/04/2002 | 52.35 | S | 2 |
| | | | | | | | | 03/18/2003 | 52.38 | | 2 |
| | | | | | | | | 06/24/2003 | 52.44 | | 2 |
| | | | | | | | | 09/23/2003 | 52.47 | S | 2 |
| 184 N14 E66 24BDDD1 | 390352114305401 | 1981 | 033 | 160. | | | 5840. | 12/04/2002 | 37.17 | S | 2 |
| | | | | | | | | 03/18/2003 | 37.60 | S | 2 |
| | | | | | | | | 06/24/2003 | 36.11 | S | 2 |
| | | | | | | | | 08/19/2003 | 36.09 | S | 2 |
| | | | | | | | | 08/19/2003 | 36.09 | S | 2 |
| | | | | | | | | 09/23/2003 | 36.27 | S | 2 |
| 195 N11 E70 35AD 1 | 384702114041601 | 1981 | 033 | 101. | | | 5578. | 12/04/2002 | 69.09 | S | 2 |
| | | | | | | | | 03/18/2003 | 69.00 | | 2 |
| | | | | | | | | 06/24/2003 | 69.02 | S | 2 |
| 105 3711 550 055 1 | 20.151.111.1051.001 | 4000 | 0.2.2 | • • • • | | | | 09/23/2003 | 69.26 | | 2 |
| 195 N11 E70 35BA 1 | 384714114051001 | 1980 | 033 | 200. | | | 5660. | 12/04/2002 | 141.99 | | 2 |
| | | | | | | | | 03/18/2003 | 142.00 | | 2 |
| | | | | | | | | 06/24/2003 | 142.04 | S | 2 |
| 195 N14 E70 08DC 1 | 390543114081801 | 1981 | 033 | 79. | | | 5996. | 09/23/2003
12/04/2002 | 142.08
62.12 | S
S | 2
2 |
| 193 N14 E/0 08DC 1 | 390343114061601 | 1981 | 033 | 19. | | | 3990. | 03/18/2003 | 61.86 | | 2 |
| | | | | | | | | 06/24/2003 | 55.97 | | 2 |
| | | | | | | | | 09/23/2003 | 61.32 | | 2 |
| 195 N15 E70 25DD 1 | 390812114033601 | 1981 | 033 | 94. | | | 5068. | 12/04/2002 | 13.54 | | 2 |
| | | | | | | | | 03/18/2003 | 13.43 | | 2 |
| | | | | | | | | 06/24/2003 | 13.84 | S | 2 |
| | | | | | | | | 09/23/2003 | 14.09 | S | 2 |
| 196 N08 E69 35DC 2 | 383023114115302 | 1980 | 017 | 435. | | | 5830. | 12/04/2002 | 175.25 | V | 2 |
| | | | | | | | | 03/18/2003 | 175.89 | V | 2 |
| | | | | | | | | 06/24/2003 | 176.28 | T | 1 |
| | | | | | | | | 09/23/2003 | 176.09 | T | 1 |
| 210 S12 E63 29DABC1 | 365227114554401 | 1981 | 017 | 1221. | 0 | 1221 | 2466.9 | 10/30/2002 | 611.82 | | 1 |
| | | | | | | | | 04/03/2003 | 610.98 | | 1 |
| 040 046 = | 2450004 | | | | | | | 07/14/2003 | 611.06 | | 1 |
| 210 S13 E63 11BACD1 | 365008114541101 | 1981 | 003 | 170. | | | 2222. | 10/30/2002 | 163.80 | | 2 |
| | | | | | | | | 12/12/2002 | 163.90 | | 2 |
| | | | | | | | | 04/03/2003 | 163.62 | | 2 |
| 010 010 E(2 00DDD 01 | 264742114522101 | 1001 | 002 | ((0 | 50 | ((0 | 2172 (| 07/14/2003 | 163.57 | | 2 |
| 210 S13 E63 23DDDC1 | 304/43114533101 | 1981 | 003 | 669. | 50 | 669 | 2172.6 | 10/30/2002 | 354.31 | V | 1 |
| | | | | | | | | 12/12/2002 | 354.31 | V | 1 |
| | | | | | | | | 04/03/2003
07/14/2003 | 353.98
354.24 | | 1
1 |
| | | | | | | | | 08/14/2003 | 354.47 | | 0 |
| 210 S13 E64 31DAAD1 | 364601114514301 | 1985 | 003 | 765. | 645 | 765 | 2158.6 | 04/14/2003 | 346.65 | | 0 |
| 210 313 E04 31DAAD1 | 50-100111-514501 | 1703 | 003 | 105. | 0+3 | 703 | 2130.0 | 07/17/2003 | 5-0.05 | 1 | U |

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS--Continued CARBONATE ROCK STUDY AREA

| | | Period | G. | 337.11 | | orated
al (feet) | Elevation | Water Le | vel (Belo | ow Land | Surface) |
|---------------------|---------------------|--------------|----------------|---------------|------|---------------------|---------------------------|------------|-----------|---------|----------|
| Local Well No | Site Identification | of
Record | County
Code | Well
Depth | Тор | Bottom | (Feet Above
Sea Level) | Date | Feet | Method | Accuracy |
| 210 S14 E63 28ACDC1 | 364127114553001 | 1985 | 003 | 780. | | | 2414.3 | 12/12/2002 | 591.39 | V | 1 |
| | | | | | | | | 04/14/2003 | 590.90 | T | 0 |
| | | | | | | | | 07/14/2003 | 591.24 | V | 1 |
| 215 S19 E63 13DCAA1 | 361736114531601 | 1993 | 003 | 900. | 540. | 900. | 2388.4 | 04/14/2003 | 575.42 | T | 0 |
| 217 S16 E63 09DDAB1 | 363308114553001 | 1985 | 003 | 920 | 45 | 920 | 2648.8 | 12/12/2002 | 832.46 | V | 1 |
| | | | | | | | | 04/14/2003 | 831.98 | T | 0 |
| | | | | | | | | 07/14/2003 | 832.32 | V | 1 |
| | | | | | | | | 08/14/2003 | 832.35 | T | 0 |
| 219 S13 E65 28BDAC1 | 364650114432001 | 1985 | 003 | 478. | 95 | 478 | 2185.9 | 12/12/2002 | 393.76 | V | 1 |
| | | | | | | | | 04/08/2003 | 393.51 | T | 0 |
| | | | | | | | | 07/07/2003 | 393.83 | T | 0 |
| | | | | | | | | 07/14/2003 | 394.02 | V | 1 |
| | | | | | | | | 08/14/2003 | 394.32 | T | 0 |

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS ${\color{blue} LAS\ VEGAS\ VALLEY}$

361704115121901. Local number, 212 S19 E61 19BC1

LOCATION.--Lat 36°17'04", long 115°12'14", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder August 1998 to current year.

DATUM.--Elevation of land-surface datum is 2,300 ft above NGVD of 1929, from topographic map. Measuring point: top lip of casing, 1.86 ft above land-surface datum.

PERIOD OF RECORD.--August 1998 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 119.67 ft below land-surface datum, March 16, 2001; lowest recorded, 142.69 ft below land-surface datum, October 1, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

| DAILY MEAN VALUES | | | | | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | 140.11 | 137.21 | 133.64 | 129.52 | 126.71 | 124.03 | 123.05 | 124.80 | 128.38 | 133.48 | | 139.17 |
| 2 | 140.06 | 137.05 | 133.44 | 129.43 | 126.76 | 123.89 | 123.14 | 124.84 | 128.54 | | | 139.15 |
| 3 | 140.03 | 136.93 | 133.29 | 129.30 | 126.70 | 123.65 | 123.20 | 124.92 | 128.72 | | | 139.17 |
| 4 | 139.97 | 136.87 | 133.18 | 129.20 | 126.61 | 123.52 | 123.22 | 124.95 | 128.90 | | | 139.21 |
| 5 | 139.92 | 136.82 | 133.01 | 129.09 | 126.56 | 123.45 | 123.33 | 124.99 | 129.07 | | | 139.09 |
| 6 | 139.88 | 136.65 | 132.84 | 129.00 | 126.51 | 123.35 | 123.43 | 125.06 | 129.25 | | | 138.92 |
| 7 | 139.76 | 136.45 | 132.69 | 128.87 | 126.42 | 123.27 | 123.52 | 125.17 | 129.47 | | | 138.75 |
| 8 | 139.59 | 136.27 | 132.61 | 128.74 | 126.35 | 123.28 | 123.57 | 125.25 | 129.70 | | | 138.61 |
| 9 | 139.47 | 136.17 | 132.44 | 128.64 | 126.35 | 123.27 | 123.63 | 125.37 | 129.91 | | | 138.49 |
| 10 | 139.36 | 136.13 | 132.26 | 128.54 | 126.26 | 123.22 | 123.71 | 125.47 | 130.10 | | | 138.46 |
| 11 | 139.31 | 136.11 | 132.13 | 128.49 | 126.16 | 123.13 | 123.79 | 125.54 | 130.31 | | | 138.37 |
| 12 | 139.27 | 135.93 | 131.99 | 128.42 | 125.99 | 123.10 | 123.88 | 125.60 | 130.55 | | | 138.23 |
| 13 | 139.14 | 135.75 | 131.86 | 128.28 | 125.81 | 123.09 | 123.99 | 125.67 | 130.74 | | | 138.18 |
| 14 | 139.02 | 135.64 | 131.71 | 128.13 | 125.72 | 123.05 | 123.99 | 125.70 | 130.87 | | | 138.11 |
| 15 | 138.92 | 135.54 | 131.61 | 128.08 | 125.63 | 123.01 | 124.04 | 125.82 | 131.00 | | | 137.99 |
| 16 | 138.82 | 135.36 | 131.45 | 128.00 | 125.51 | 122.99 | 123.95 | 125.89 | 131.14 | | | 137.89 |
| 17 | 138.77 | 135.24 | 131.35 | 127.89 | 125.37 | 122.96 | 123.92 | 125.96 | 131.28 | | | 137.88 |
| 18 | 138.70 | 135.19 | 131.37 | 127.83 | 125.25 | 122.90 | 123.97 | 126.10 | 131.38 | | | 137.84 |
| 19 | 138.61 | 135.03 | 131.24 | 127.75 | 125.10 | 122.82 | 124.04 | 126.24 | 131.52 | | | 137.73 |
| 20 | 138.47 | 134.92 | 131.08 | 127.64 | 125.01 | 122.79 | 123.96 | 126.33 | 131.70 | | | 137.65 |
| 21 | 138.40 | 134.79 | 130.92 | 127.58 | 124.88 | 122.83 | 123.88 | 126.45 | 131.89 | | 138.92 | 137.59 |
| 22 | 138.35 | 134.67 | 130.71 | 127.52 | 124.76 | 122.81 | 123.94 | 126.54 | 132.09 | | 138.97 | 137.52 |
| 23 | 138.28 | 134.55 | 130.56 | 127.40 | 124.71 | 122.82 | 124.04 | 126.65 | 132.25 | | 139.07 | 137.47 |
| 24 | 138.22 | 134.47 | 130.45 | 127.31 | 124.67 | 122.91 | 124.10 | 126.81 | 132.56 | | 139.21 | 137.44 |
| 25 | 138.14 | 134.39 | 130.32 | 127.28 | 124.55 | 122.92 | 124.19 | 127.01 | 132.77 | | 139.35 | 137.39 |
| 26 | 138.08 | 134.26 | 130.24 | 127.22 | 124.41 | 122.87 | 124.31 | 127.24 | 132.93 | | 139.42 | 137.33 |
| 27 | 137.97 | 134.19 | 130.08 | 127.07 | 124.28 | 122.98 | 124.42 | 127.44 | 133.00 | | 139.32 | 137.27 |
| 28 | 137.75 | 134.09 | 129.85 | 127.04 | 124.15 | 123.09 | 124.51 | 127.62 | 133.09 | | 139.26 | 137.22 |
| 29 | 137.57 | 133.97 | 129.75 | 127.01 | | 123.18 | 124.60 | 127.79 | 133.24 | | 139.26 | 137.17 |
| 3 0 | 137.46 | 133.84 | 129.68 | 126.95 | | 123.18 | 124.71 | 127.98 | 133.37 | | 139.24 | 137.13 |
| 31 | 137.32 | | 129.55 | 126.85 | | 123.09 | | 128.18 | | | 139.20 | |
| MAX | 140.11 | 137.21 | 133.64 | 129.52 | 126.76 | 124.03 | 124.71 | 128.18 | 133.37 | | | 139.21 |
| MIN | 137.32 | 133.84 | 129.55 | 126.85 | 124.15 | 122.79 | 123.05 | 124.80 | 128.38 | | | 137.13 |

LAS VEGAS VALLEY--Continued

361626115090701. Local number, 212 S19 E61 21DDB1.

LOCATION.--Lat 36°16'52", long 115°09'31", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder November 2000 to current year.

DATUM.--Elevation of land-surface datum is 2,160 ft above NGVD of 1929, from topographic map. Measuring point: 2 in pipe on north side of pump base, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1973 to 1985, annual; 1986 to 1990, intermittent; 1991 to October 2000, quarterly; November 2000 to current year, hourly. EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.75 ft below land-surface datum, April 24, 1973; lowest recorded, 47.59 ft below land-surface datum, September 1, 4, and 5, 2002.

| | | DEPTH BELO | W LAND SU | JRFACE (WAT | | | WATER YEAR | OCTOBER 20 | 02 TO SEPT | TEMBER 2001 | 3 | |
|-----|-------|------------|-----------|-------------|-------|-----------|------------|------------|------------|-------------|-------|-------|
| | | | | | DAI | LY MEAN V | VALUES | | | | | |
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 1 | 47.13 | 46.79 | 46.49 | 46.34 | 46.23 | 46.25 | | 46.33 | 46.72 | 47.22 | 47.41 | 47.39 |
| 2 | 47.12 | 46.78 | 46.47 | 46.33 | 46.27 | 46.26 | | 46.33 | 46.73 | 47.23 | 47.40 | 47.39 |
| 3 | 47.11 | 46.76 | 46.48 | 46.31 | 46.27 | 46.23 | 46.27 | 46.33 | 46.75 | 47.24 | 47.40 | 47.39 |
| 4 | 47.09 | 46.75 | 46.48 | 46.31 | 46.26 | 46.23 | | 46.35 | 46.77 | 47.25 | 47.40 | 47.40 |
| 5 | 47.07 | 46.75 | 46.46 | 46.31 | 46.27 | 46.26 | 46.27 | 46.35 | 46.80 | 47.26 | 47.40 | 47.39 |
| 6 | 47.06 | 46.73 | 46.45 | 46.31 | 46.28 | 46.25 | | 46.35 | 46.81 | 47.27 | 47.40 | 47.39 |
| 7 | 47.04 | 46.71 | 46.44 | 46.30 | 46.27 | 46.25 | | 46.37 | 46.83 | 47.29 | 47.40 | 47.38 |
| 8 | 47.02 | 46.68 | 46.45 | 46.29 | 46.26 | 46.27 | 46.29 | 46.37 | 46.85 | 47.30 | 47.41 | 47.38 |
| 9 | 47.01 | 46.68 | 46.44 | 46.28 | 46.28 | 46.26 | | 46.40 | 46.87 | 47.31 | 47.41 | 47.37 |
| 10 | 47.00 | 46.69 | 46.42 | 46.29 | 46.27 | 46.25 | 46.21 | 46.42 | 46.89 | 47.32 | 47.41 | 47.39 |
| 11 | 47.00 | 46.70 | 46.42 | 46.30 | 46.27 | 46.24 | 46.21 | 46.42 | 46.91 | 47.33 | 47.40 | 47.39 |
| 12 | 47.00 | 46.68 | 46.42 | 46.30 | 46.24 | 46.26 | 46.24 | 46.42 | 46.92 | 47.34 | 47.40 | 47.37 |
| 13 | 46.99 | 46.66 | 46.41 | 46.30 | 46.23 | 46.25 | 46.25 | 46.43 | 46.95 | 47.35 | 47.41 | 47.38 |
| 14 | 46.97 | 46.66 | 46.40 | 46.28 | 46.24 | 46.24 | 46.24 | 46.43 | 46.97 | 47.35 | 47.41 | 47.38 |
| 15 | 46.96 | 46.66 | 46.38 | 46.30 | 46.26 | 46.23 | 46.27 | 46.45 | 46.98 | 47.36 | 47.42 | 47.36 |
| 16 | 46.94 | 46.64 | 46.35 | 46.29 | 46.25 | 46.22 | 46.26 | 46.46 | 47.00 | 47.37 | 47.40 | 47.35 |
| 17 | 46.94 | 46.62 | 46.35 | 46.28 | 46.25 | 46.24 | 46.25 | 46.47 | 47.02 | 47.37 | 47.39 | 47.37 |
| 18 | 46.93 | 46.63 | 46.39 | 46.28 | 46.26 | 46.25 | 46.27 | 46.49 | 47.02 | 47.38 | 47.39 | 47.37 |
| 19 | 46.93 | 46.62 | 46.38 | 46.28 | 46.24 | 46.26 | 46.29 | 46.52 | 47.04 | 47.39 | 47.40 | 47.36 |
| 20 | 46.91 | 46.60 | 46.36 | 46.27 | 46.26 | 46.26 | 46.27 | 46.53 | 47.06 | 47.39 | 47.40 | 47.35 |
| 21 | 46.90 | 46.59 | 46.36 | 46.28 | 46.26 | 46.28 | 46.25 | 46.54 | 47.08 | 47.39 | 47.39 | 47.35 |
| 22 | 46.90 | 46.56 | 46.34 | 46.28 | 46.25 | 46.27 | 46.26 | 46.55 | 47.09 | 47.40 | 47.39 | 47.35 |
| 23 | 46.88 | 46.55 | 46.34 | 46.27 | 46.24 | 46.24 | 46.28 | 46.56 | 47.10 | 47.40 | 47.39 | 47.35 |
| 24 | 46.87 | 46.55 | 46.36 | 46.27 | 46.24 | 46.27 | 46.27 | 46.57 | 47.13 | 47.41 | 47.40 | 47.35 |
| 25 | 46.86 | 46.55 | 46.36 | 46.28 | 46.23 | 46.28 | 46.27 | 46.59 | 47.15 | 47.41 | 47.39 | 47.35 |
| 26 | 46.85 | 46.54 | 46.36 | 46.28 | 46.23 | 46.25 | 46.28 | 46.62 | 47.16 | 47.41 | 47.39 | 47.34 |
| 27 | 46.84 | 46.54 | 46.35 | 46.25 | 46.24 | 46.28 | 46.29 | 46.64 | 47.17 | 47.41 | 47.39 | 47.34 |
| 28 | 46.82 | 46.53 | 46.31 | 46.27 | 46.24 | 46.30 | 46.30 | 46.65 | 47.17 | 47.42 | 47.38 | 47.34 |
| 29 | 46.80 | 46.51 | 46.32 | 46.27 | | 46.31 | 46.30 | 46.66 | 47.19 | 47.42 | 47.38 | 47.34 |
| 3 0 | 46.80 | 46.50 | 46.33 | 46.27 | | 46.28 | 46.32 | 46.68 | 47.20 | 47.42 | 47.39 | 47.35 |
| 31 | 46.79 | | 46.32 | 46.26 | | 46.25 | | 46.70 | | 47.42 | 47.39 | |
| MAX | 47.13 | 46.79 | 46.49 | 46.34 | 46.28 | 46.31 | 46.32 | 46.70 | 47.20 | 47.42 | 47.42 | 47.40 |
| MIN | 46.79 | 46.50 | 46.31 | 46.25 | 46.23 | 46.22 | 46.21 | 46.33 | 46.72 | 47.22 | 47.38 | 47.34 |
| | | | | | | | | | | | | |

WTR YR 2003 HIGH 46.18 APR 10 LOW 47.43 JUL 30-31, AUG 15

LAS VEGAS VALLEY--Continued

361456115111001. Local number, 212 S19 E61 32CC1.

LOCATION.--Lat 36°14'55", long 115°11'16", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder August 1998 to current year.

DATUM.--Elevation of land-surface datum is 2,190 ft above NGVD of 1929, from topographic map. Measuring point: top lip of casing, 1.69 ft above land-surface datum.

PERIOD OF RECORD.--August 1998 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest recorded water level, 122.69 ft below land-surface datum, May 14, 2003; lowest, 144.88 ft below land-surface datum, October 5, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

| DAILY MEAN VALUES | | | | | | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
| 1 | | | 126.50 | 126.01 | 125.19 | 124.46 | 123.57 | 122.95 | 122.80 | 123.14 | 123.73 | 124.16 | |
| 2 | | | 126.46 | 125.99 | 125.28 | 124.45 | 123.59 | 122.90 | 122.79 | 123.15 | 123.71 | 124.19 | |
| 3 | | | 126.48 | 125.95 | 125.27 | 124.33 | 123.61 | 122.89 | 122.80 | 123.17 | 123.70 | 124.20 | |
| 4 | | | 126.49 | 125.93 | 125.19 | 124.31 | 123.53 | 122.89 | 122.81 | 123.18 | 123.71 | 124.23 | |
| 5 | | | | 125.90 | 125.19 | 124.33 | 123.55 | 122.88 | 122.85 | 123.18 | 123.72 | 124.24 | |
| | | | | | | | | | | | | | |
| 6 | | | | 125.93 | 125.20 | 124.30 | 123.54 | 122.83 | 122.84 | 123.19 | 123.75 | 124.24 | |
| 7 | | | 126.40 | 125.89 | 125.15 | 124.27 | 123.59 | 122.84 | 122.84 | 123.23 | 123.77 | 124.22 | |
| 8 | | | 126.44 | 125.83 | 125.11 | 124.29 | 123.54 | 122.81 | 122.83 | 123.27 | 123.79 | 124.22 | |
| 9 | | | 126.40 | 125.81 | 125.13 | 124.25 | 123.46 | 122.85 | 122.86 | 123.30 | 123.83 | 124.24 | |
| 10 | | | 126.34 | 125.81 | 125.08 | 124.19 | 123.42 | 122.86 | 122.88 | 123.31 | 123.84 | 124.34 | |
| | | | | | | | | | | | | | |
| 11 | 126.61 | | 126.34 | 125.82 | 125.06 | 124.13 | 123.40 | 122.84 | 122.87 | 123.33 | 123.83 | 124.36 | |
| 12 | 126.68 | | | 125.84 | 124.95 | 124.14 | 123.38 | 122.83 | 122.88 | 123.35 | 123.86 | 124.32 | |
| 13 | 126.66 | | | 125.81 | 124.88 | 124.10 | 123.37 | 122.82 | 122.92 | 123.36 | 123.90 | 124.37 | |
| 14 | 126.64 | | | 125.75 | 124.88 | 124.03 | 123.29 | 122.77 | 122.93 | 123.38 | 123.94 | 124.39 | |
| 15 | 126.62 | | | 125.78 | 124.88 | 123.99 | 123.34 | 122.81 | 122.92 | 123.40 | 123.99 | 124.36 | |
| | | | | | | | | | | | | | |
| 16 | 126.60 | | | 125.75 | 124.84 | 123.94 | 123.27 | 122.79 | 122.93 | 123.44 | 123.98 | 124.35 | |
| 17 | 126.64 | | | 125.70 | 124.82 | 123.95 | 123.21 | 122.77 | 122.94 | 123.47 | 123.95 | 124.43 | |
| 18 | | | | 125.67 | 124.80 | 123.97 | 123.21 | 122.80 | 122.92 | 123.50 | 123.96 | 124.49 | |
| 19 | | | 126.21 | 125.65 | 124.72 | 123.96 | 123.24 | 122.85 | 122.92 | 123.52 | 124.01 | 124.48 | |
| 20 | | | 126.16 | 125.60 | 124.73 | 123.94 | 123.15 | 122.84 | 122.94 | 123.52 | 124.04 | 124.49 | |
| | | | | | | | | | | | | | |
| 21 | | | 126.14 | 125.59 | 124.70 | 123.95 | 123.07 | 122.82 | 122.96 | 123.52 | 124.03 | 124.49 | |
| 22 | | | 126.08 | 125.60 | 124.63 | 123.89 | 123.07 | 122.81 | 122.95 | 123.55 | 124.02 | 124.49 | |
| 23 | | | 126.08 | 125.52 | 124.57 | 123.81 | 123.08 | 122.79 | 122.94 | 123.57 | 124.05 | 124.51 | |
| 24 | | | 126.13 | 125.50 | 124.54 | 123.84 | 123.04 | 122.76 | 123.07 | 123.58 | 124.07 | 124.54 | |
| 25 | | | 126.12 | 125.51 | 124.50 | 123.86 | 123.00 | 122.78 | 123.12 | 123.62 | 124.06 | 124.54 | |
| 26 | | | 126.14 | 125.49 | 124.48 | 123.77 | 122.99 | 122.84 | 123.11 | 123.63 | 124.09 | 124.53 | |
| 27 | | | 126.14 | 125.49 | 124.46 | 123.77 | 122.99 | 122.85 | 123.11 | 123.63 | 124.09 | 124.55 | |
| 28 | | 126.57 | 125.10 | 125.40 | 124.46 | 123.81 | 122.96 | 122.85 | 123.07 | 123.65 | 124.10 | 124.55 | |
| 29 | | 126.57 | 125.95 | 125.40 | | 123.87 | 122.96 | 122.82 | 123.00 | 123.66 | 124.10 | 124.55 | |
| | | | | | | | | | | | | | |
| 30 | | 126.53 | 126.00 | 125.39 | | 123.78 | 122.94 | 122.79 | 123.13 | 123.70 | 124.13 | 124.60 | |
| 31 | | | 125.95 | 125.33 | | 123.66 | | 122.80 | | 123.72 | 124.13 | | |
| MAX | | | | 126.01 | 125.28 | 124.46 | 123.61 | 122.95 | 123.13 | 123.72 | 124.13 | 124.60 | |
| MIN | | | | 125.33 | 124.46 | 123.66 | 122.94 | 122.76 | 122.79 | 123.72 | 123.70 | 124.00 | |
| 1-1-1-14 | | | | 120.00 | 121.10 | 123.00 | 122.74 | 122.70 | 122.13 | 123.14 | 123.70 | 12-1.10 | |

LAS VEGAS VALLEY--Continued

361232115061001. Local number, 212 S20 E61 13ABDB1.

LOCATION.--Lat 36°12'57", long 115°06'16", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

MIN

41.42

41.31

41.19

41.12

40.90

INSTRUMENTATION.--Water-level recorder January 1999 to current year.

DATUM.--Elevation of land-surface datum is 1,857 ft above NGVD of 1929, from topographic map. Measuring point: pipe on west side of pump base, .50 ft above land-surface datum.

PERIOD OF RECORD.--February 1973 through 1985, yearly; 1986, monthly; 1989 to 1998 yearly; January 1999 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest recorded water level, 39.98 ft below land-surface datum, September 26, 2003; lowest, 82.64 ft below land-surface datum, September 12, 1984.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY DEC JAN APR AUG 41.48 41.45 41.31 41.24 41.07 40.90 40.58 40.53 40.44 40.45 40.38 40.18 41.50 41.45 41.29 41.23 41.13 40.91 40.59 40.51 40.43 40.44 40.36 40.17 41.43 41.21 40.85 40.44 41.51 41.31 41.14 40.61 40.52 40.42 40.35 40.16 41.50 41.44 41.32 41.20 41.11 40.84 40.58 40.44 41.50 41.46 41.32 41.19 41.12 40.86 40.61 40.51 40.45 40.43 40.29 40.15 6 41.20 40.84 40.62 40.49 40.48 40.29 40.14 41.50 41.44 41.30 41.13 40.42 41.47 41.40 41.30 41.18 40.83 40.65 40.49 40.47 40.43 40.30 40.12 41.12 41.46 41.37 41.32 41.16 41.11 40.86 40.63 40.49 40.46 40.44 40.31 40.10 41.39 41.31 41.16 41.13 40.52 40.42 40.32 10 41.43 41.42 41.28 41.17 41.11 40.81 40.54 40.53 40.39 40.45 40.31 40.12 11 41.46 41.45 41.29 41.19 41.11 40.78 40.53 40.51 40.38 40.44 40.29 40.13 12 41.50 41.43 41.30 41.19 41.04 40.78 40.54 40.50 40.39 40.44 40.30 40.09 13 41.48 41.40 41.29 41.17 40.78 40.54 40.49 40.42 40.44 40.10 14 41.46 41.41 41.28 41.14 40.99 40.76 40.52 40.47 40.43 40.45 ---40.09 15 41.44 41.42 41.26 41.16 41.00 40.74 42.51 40.48 40.43 40.42 ---40.06 41.39 40.72 40.34 41.16 40.73 40.46 40.43 40.42 40.31 17 41.43 41.38 41.22 40.99 43.47 40.04 18 41.45 41.41 41.27 41.15 41.00 40.75 41.07 40.47 40.42 40.43 40.29 40.06 19 41.45 41.40 41.27 41.15 40.96 40.72 40.55 40.50 40.41 40.42 40.30 40.03 20 41.44 41.38 41.25 41.13 40.98 40.68 40.50 40.48 40.42 40.41 40.29 40.03 21 41.36 41.14 22 41.44 41.33 41.23 41.14 40.94 40.67 40.51 40.47 40.42 40.38 40.26 40.02 23 41 44 41 32 41 24 41 12 40 93 40 64 40 52 40 45 40 41 40 38 40 26 40 00 24 41.44 41.31 41.27 41.12 40.92 40.66 40.52 40.43 40.47 40.38 40.26 40.01 25 41.44 41.32 41.27 41.15 40.91 40.68 40.53 40.49 40.39 40.21 40.01 40.44 26 41.44 41.32 41.28 41.16 40.90 40.63 40.52 40.46 40.48 40.40 40.22 40.00 27 41.45 41.32 41.27 41.12 40.90 40.66 40.52 40.47 40.44 40.38 40.22 40.01 28 41.43 41.13 40.90 40.70 40.52 40.46 40.21 41.32 41.19 40.43 40.38 40.01 41.42 40.71 29 41.31 41.19 41.15 40.52 40.44 40.44 40.38 40.19 40.01 3 0 41.43 41.31 40.53 40.44 40.46 40.39 40.01 41.43 ---40.62 40.44 40.18 31 41.20 41.13 40.39 MAX 41.51 41.32 41.24 41.14 40.91 43.54 40.53 40.49 40.45 40.18 41.46

40.62

40.50

40.43

40.38

40.38

40.00

MAX

MIN

- - -

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

361400115040901. Local number, 212 S20 E62 05CAAA1.

LOCATION.--Lat 36°14'00", long 115°04'09", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder August 1998 to current year.

DATUM.--Elevation of land-surface datum is 1,869 ft above NGVD of 1929, from topographic map. Measuring point: hole in top of casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--February 1973 to July 1998, intermittent, August 1998 to current year, hourly.

82.32

80.36

82.13

79.42

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 70.56 ft below land-surface datum, May 12, 13, 1999; lowest measured, 157.36 ft below land-surface datum, September 15, 1993.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES DAY DEC JAN FEB APR MAY AUG SEP 88.05 80.36 82.03 79.35 77.93 78.12 79.95 83.91 88.81 89.98 77.95 87.95 - - -- - -80.49 82.13 79.26 78.11 80.01 84.02 88.92 89.89 - - -- - -79.12 77.97 78.11 87.80 80.61 82.03 80.11 84.04 89.08 89.71 80.64 81.87 79.08 78.14 84.06 89.13 77.94 87.50 80.71 81.78 79.09 78.15 80.34 84.06 89.18 6 87.45 80.69 81.68 79.03 77.94 78.13 80.44 89.25 90.17 - - -84.08 - - -81.55 78.97 77.96 90.38 87.37 80.64 81.54 78.16 80.53 89.36 84.11 87.29 81.50 80.68 81.44 79.00 77.93 78.18 80.58 84.17 89.47 90.52 81.39 81.36 77.90 10 87.47 ---81.27 80.84 81.23 78.92 77.92 78.27 80.80 84.54 89.50 90.84 11 87.50 81.20 80.93 81.13 78.87 77.94 78.29 80.89 84.50 89.40 90.90 12 - - -81.13 81.06 80.97 78.85 77.99 78.34 84.58 89.37 90.91 87.47 81.12 78.39 13 87.34 _ _ _ 81.03 80.84 78.81 78.04 81.30 84.61 89.36 14 87.20 80.92 81.23 80.76 78.77 78.06 78.41 81.41 84.54 89.43 91.33 15 87.07 - - -80.80 81.30 80.68 78.72 78.13 78.53 81.48 84.61 89.51 91.40 16 80.64 89.60 - - -89.70 17 86.89 80.58 81.36 80.46 78.59 78.02 78.68 81.67 85.21 18 ---80.63 81.36 80.38 78.55 78.03 78.79 81.71 85.52 89.78 92.15 - - -19 - - -80.54 81.39 80.23 78.51 78.04 78.92 81.77 85.82 89.75 92.25 20 - - -- - -80.43 81.34 80.17 78.44 77.95 79.01 81.87 86.21 89.56 92.38 80.36 86.48 22 80.24 81.51 79.94 78.37 77.90 79.19 82.01 86.67 89.08 92.74 ------23 80 19 81.61 79.84 78 27 77 92 79 28 82 08 86 72 89 16 92.88 77.86 24 80.17 81.86 79.76 78.26 79.36 82.26 86.83 89.35 92.99 25 80.11 82.06 79.66 78.26 77.87 79.47 82.37 87.16 89.25 93.15 26 80.11 82.18 79.57 78.14 77.90 79.59 82.41 87.47 89.30 93.27 27 - - -- - -80.08 82.19 79.50 78.16 77.92 79.66 82.43 87.82 89.52 93.42 28 77.96 82.20 79.71 82.70 88.06 89.70 93.60 80.05 79.42 78.20 - - -- - -82.32 83.23 89.85 93.74 29 80.16 78.19 78.01 79.75 88.25 3 0 80.25 78.07 83.63 89.81 93.84 - - -82.18 ---78.01 79.88 89.93 31 80.26 88.61

79.35

78.01

78.13

77.86

79.88

78.11

83.63

79.95

88.61

83.91

89.93

88.81

93.84

89.71

LAS VEGAS SUBSIDENCE STUDY

361410115142601. Local number, 212 S20 E60 02CCBB1.

LOCATION.--Lat 36°14'10", long 115°14'26", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder since November 1994, hourly.

DATUM.--Elevation of land-surface datum is 2,312 ft above NGVD of 1929, from topographic map. Measuring point: top lip of casing, 1.36 ft above land-surface datum.

REMARKS.--In Las Vegas Valley.

PERIOD OF RECORD.--November 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 227.48 ft below land-surface datum, May 1, 2001; lowest, 328.85 ft below land-surface datum, October 1, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| DAILY MEAN VALUES | | | | | | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
| 1 | 299.91 | 273.38 | 268.34 | 261.90 | 254.37 | 248.77 | 246.62 | 245.93 | 264.94 | 276.57 | 287.44 | 282.32 | |
| 2 | 299.51 | 273.25 | 268.10 | 261.21 | 254.14 | 248.72 | 246.57 | 251.01 | 266.20 | 277.51 | 282.89 | 280.17 | |
| 3 | 294.89 | 272.99 | 267.99 | 260.78 | 254.20 | 248.31 | 246.72 | 256.06 | 268.68 | 279.04 | 280.31 | 280.21 | |
| 4 | 284.77 | 272.73 | 267.97 | 260.49 | 253.85 | 247.99 | 246.61 | 253.98 | 270.23 | 278.82 | 281.99 | 280.92 | |
| 5 | 282.62 | 272.71 | 267.85 | 260.17 | 253.62 | 248.02 | 246.56 | 257.44 | 270.00 | 277.49 | 282.35 | 280.89 | |
| 6 | 281.63 | 272.50 | 267.59 | 260.07 | 253.51 | 247.89 | 246.62 | 262.09 | 269.29 | 278.30 | 284.33 | 282.05 | |
| 7 | 280.83 | 272.12 | 267.41 | 259.89 | 253.30 | 247.66 | 246.70 | 264.69 | 269.34 | 278.72 | 286.18 | 282.77 | |
| 8 | 280.13 | 271.74 | 267.42 | 259.53 | 252.98 | 247.57 | 246.68 | 260.47 | 269.32 | 279.92 | 286.64 | 283.01 | |
| 9 | 279.69 | 271.55 | 267.26 | 259.29 | 252.88 | 247.44 | 246.40 | 263.79 | 269.97 | 281.04 | 286.88 | 283.09 | |
| 10 | 279.25 | 271.64 | 266.90 | 259.11 | 252.69 | 247.14 | 246.22 | 261.61 | 270.35 | 281.57 | 287.12 | 283.72 | |
| 11 | 278.85 | 271.67 | 266.22 | 258.99 | 252.42 | 246.84 | 246.17 | 262.01 | 270.66 | 281.88 | 281.86 | 284.23 | |
| 12 | 278.68 | 271.58 | 265.15 | 258.93 | 252.15 | 246.70 | 246.08 | 266.95 | 271.02 | 282.33 | 285.06 | 283.71 | |
| 13 | 278.33 | 271.42 | 264.79 | 258.75 | 251.79 | 246.56 | 246.05 | 266.35 | 271.41 | 282.61 | 284.88 | 283.77 | |

LAS VEGAS SUBSIDENCE STUDY--Continued

361410115142602. Local number, 212 S20 E60 02CCBB2.

LOCATION.--Lat 36°14'10", long 115°14'26", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder since November 1994, hourly.

DATUM.--Elevation of land-surface datum is 2,312 ft above NGVD of 1929, from topographic map. Measuring point: top lip of casing, 1.36 ft above land-surface datum.

REMARKS.--In Las Vegas Valley.

PERIOD OF RECORD.--November 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 227.15 ft below land-surface datum, May 1, 2001, lowest, 311.46 ft below land-surface datum, October 1, 1997.

| DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |
| 1 | 280.44 | 269.85 | 265.41 | 259.45 | 252.72 | 247.57 | 244.46 | 242.76 | 255.36 | 264.04 | 273.22 | 272.97 | |
| 2 | 281.03 | 269.75 | 265.17 | 258.97 | 252.56 | 247.53 | 244.41 | 244.09 | 255.82 | 264.61 | 272.03 | 272.28 | |
| 3 | 279.76 | 269.53 | 265.09 | 258.60 | 252.64 | 247.12 | 244.57 | 245.83 | 256.73 | 265.23 | 270.97 | 272.15 | |
| 4 | 277.08 | 269.31 | 265.08 | 258.33 | 252.30 | 246.79 | 244.42 | 245.55 | 257.52 | 265.28 | 271.67 | 272.41 | |
| 5 | 276.17 | 269.33 | 264.96 | 258.01 | 252.10 | 246.83 | 244.38 | 246.99 | 257.56 | 265.06 | 271.81 | 272.39 | |
| 6 | 275.68 | 269.15 | 264.71 | 257.93 | 252.02 | 246.70 | 244.43 | 248.52 | 257.57 | 265.46 | 272.55 | 272.61 | |
| 7 | 275.18 | 268.77 | 264.54 | 257.75 | 251.82 | 246.48 | 244.52 | 249.94 | 257.71 | 265.85 | 273.23 | 272.94 | |
| 8 | 274.70 | 268.40 | 264.58 | 257.39 | 251.52 | 246.42 | 244.48 | 249.29 | 257.81 | 266.49 | 273.55 | 273.02 | |
| 9 | 274.40 | 268.25 | 264.43 | 257.15 | 251.44 | 246.29 | 244.18 | 250.24 | 258.18 | 267.07 | 273.82 | 273.10 | |
| 10 | 274.08 | 268.37 | 264.14 | 256.98 | 251.25 | 246.00 | 243.98 | 249.64 | 258.52 | 267.44 | 274.01 | 273.51 | |
| 11 | 273.86 | 268.46 | 263.60 | 256.88 | 251.00 | 245.70 | 243.93 | 250.08 | 258.76 | 267.76 | 272.29 | 273.89 | |
| 12 | 273.83 | 268.37 | 262.80 | 256.83 | 250.73 | 245.57 | 243.83 | 251.99 | 259.03 | 268.14 | 273.45 | 273.63 | |
| 13 | 273.55 | 267.99 | 262.49 | 256.64 | 250.37 | 245.44 | 243.80 | 251.98 | 259.38 | 268.41 | 273.58 | 273.73 | |
| 14 | 273.18 | 267.87 | 262.19 | 256.31 | 250.23 | 245.31 | 243.66 | 251.71 | 259.70 | 268.59 | 273.53 | 273.10 | |
| 15 | 272.86 | 267.85 | 261.82 | 256.17 | 250.20 | 245.77 | 243.67 | 252.41 | 259.98 | 268.97 | 272.86 | 274.91 | |
| 16 | 272.54 | 267.65 | 261.41 | 256.07 | 249.98 | 245.73 | 243.71 | 252.29 | 259.99 | 269.34 | 272.83 | 277.36 | |
| 17 | 272.36 | 267.29 | 261.06 | 255.76 | 249.83 | 245.73 | 243.41 | 253.64 | 260.23 | 269.84 | 272.44 | 278.79 | |
| 18 | 272.26 | 267.23 | 261.19 | 255.54 | 249.62 | 245.86 | 243.40 | 253.62 | 260.42 | 270.33 | 272.41 | 279.87 | |
| 19 | 272.12 | 267.24 | 261.23 | 255.35 | 249.36 | 245.90 | 243.52 | 253.75 | 260.59 | 270.57 | 272.63 | 280.47 | |
| 20 | 271.86 | 267.24 | 260.78 | 255.33 | 249.12 | 245.80 | 243.40 | 255.75 | 260.96 | 270.57 | 272.03 | 281.04 | |
| 20 | 271.00 | 207.03 | 200.70 | 200.12 | 217.12 | 213.00 | 213.10 | 200.21 | 200.50 | 2,0.00 | 2,2,1, | 201.01 | |
| 21 | 271.61 | 266.85 | 260.59 | 254.94 | 249.10 | 245.82 | 243.07 | 255.47 | 261.23 | 270.77 | 271.82 | 277.88 | |
| 22 | 271.44 | 266.55 | 260.28 | 254.89 | 248.74 | 245.73 | 242.98 | 255.51 | 261.49 | 270.63 | 271.55 | 276.22 | |
| 23 | 271.36 | 266.29 | 260.04 | 254.62 | 248.50 | 245.44 | 243.08 | 256.17 | 261.71 | 270.98 | 271.45 | 275.63 | |
| 24 | 271.15 | 266.28 | 260.04 | 254.37 | 248.25 | 245.35 | 243.02 | 256.73 | 262.24 | 271.21 | 271.71 | 275.19 | |
| 25 | 270.89 | 266.21 | 259.89 | 254.27 | 248.09 | 245.53 | 242.89 | 256.67 | 262.74 | 271.47 | 272.15 | 274.14 | |
| 26 | 270.70 | 266.17 | 259.75 | 254.19 | 247.98 | 245.25 | 242.84 | 257.27 | 262.99 | 271.14 | 272.31 | 272.76 | |
| 27 | 270.67 | 266.03 | 259.82 | 253.79 | 247.80 | 245.17 | 242.76 | 257.90 | 263.03 | 270.36 | 272.92 | 272.18 | |
| 28 | 270.45 | 265.93 | 260.09 | 253.56 | 247.74 | 245.37 | 242.72 | 257.08 | 263.08 | 272.12 | 272.98 | 271.72 | |
| 29 | 270.16 | 265.64 | 259.91 | 254.17 | | 245.43 | 242.65 | 254.70 | 263.39 | 272.59 | 273.29 | 271.29 | |
| 3 0 | 270.06 | 265.53 | 260.18 | 253.85 | | 245.24 | 242.65 | 253.97 | 263.77 | 273.00 | 273.05 | 270.96 | |
| 31 | 269.93 | | 259.97 | 253.25 | | 244.82 | | 253.74 | | 273.37 | 273.02 | | |
| MAX | 281.03 | 269.85 | 265.41 | 259.45 | 252.72 | 247.57 | 244.57 | 257.90 | 263.77 | 273.37 | 274.01 | 281.04 | |
| MIN | 269.93 | 265.53 | 259.75 | 253.25 | 247.74 | 244.82 | 242.65 | 242.76 | 255.36 | 264.04 | 270.97 | 270.96 | |
| | | | | | | | | | | | | | |

WTR YR 2003 HIGH 242.57 APRIL 29 LOW 281.39 OCTOBER 2

LAS VEGAS SUBSIDENCE STUDY--Continued

361410115142603. Local number, 212 S20 E60 02CCBB3.

LOCATION.--Lat 36°14'10", long 115°14'26", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION.--Water-level recorder since November 1994, hourly.

DATUM.--Elevation of land-surface datum is 2,312 ft above NGVD of 1929, from topographic map. Measuring point: top lip of casing, 1.36 ft above land-surface datum.

REMARKS.--In Las Vegas Valley.

PERIOD OF RECORD.--November 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 203.87 ft below land-surface datum, May 27-28, 2001; lowest, 243.49 ft below land-surface datum, October 21, 1996.

| | DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES | | | | | | | | | | | | | |
|-----|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | |
| 1 | 232.20 | 231.62 | 229.15 | 225.75 | 221.97 | 218.09 | 215.87 | 215.26 | 219.58 | 225.12 | 229.83 | 231.80 | | |
| 2 | 232.28 | 231.63 | 228.92 | 225.69 | 221.92 | 218.08 | 215.85 | 214.99 | 219.72 | 225.24 | 229.99 | 231.91 | | |
| 3 | 232.35 | 231.51 | 228.83 | 225.53 | 222.01 | 217.74 | 215.90 | 214.98 | 219.89 | 225.49 | 230.08 | 231.98 | | |
| 4 | 232.33 | 231.41 | 228.83 | 225.48 | 221.75 | 217.48 | 215.82 | 215.05 | 220.08 | 225.71 | 230.23 | 232.00 | | |
| 5 | 232.30 | 231.59 | 228.75 | 225.34 | 221.59 | 217.54 | 215.84 | 215.08 | 220.30 | 225.89 | 230.33 | 232.03 | | |
| 6 | 232.34 | 231.52 | 228.57 | 225.37 | 221.53 | 217.50 | 215.96 | 214.97 | 220.60 | 226.04 | 230.37 | 231.96 | | |
| 7 | 232.35 | 231.21 | 228.44 | 225.26 | 221.41 | 217.43 | 216.13 | 214.91 | 220.83 | 226.32 | 230.32 | 231.99 | | |
| 8 | 232.27 | 230.87 | 228.50 | 225.02 | 221.19 | 217.60 | 216.13 | 214.95 | 221.06 | 226.58 | 230.47 | 232.04 | | |
| 9 | 232.27 | 230.71 | 228.54 | 224.83 | 221.18 | 217.66 | 215.85 | 215.23 | 221.33 | 226.83 | 230.64 | 232.06 | | |
| 10 | 232.25 | 230.87 | 228.36 | 224.65 | 221.20 | 217.53 | 215.69 | 215.53 | 221.67 | 226.87 | 230.75 | 232.28 | | |
| 11 | 232.40 | 231.13 | 228.34 | 224.56 | 221.03 | 217.36 | 215.74 | 215.68 | 221.84 | 227.03 | 230.94 | 232.39 | | |
| 12 | 232.61 | 231.18 | 228.36 | 224.56 | 220.72 | 217.23 | 215.80 | 215.88 | 221.97 | 227.24 | 231.10 | 232.43 | | |
| 13 | 232.62 | 230.84 | 228.23 | 224.45 | 220.33 | 217.09 | 215.82 | 215.99 | 222.22 | 227.29 | 231.23 | 232.46 | | |
| 14 | 232.59 | 230.77 | 228.09 | 224.19 | 220.14 | 216.78 | 215.75 | 215.99 | 222.47 | 227.52 | 231.49 | 232.68 | | |
| 15 | 232.54 | 230.80 | 227.82 | 224.13 | 220.09 | 216.59 | 215.65 | 216.23 | 222.59 | 227.68 | 231.65 | 232.64 | | |
| 16 | 232.44 | 230.65 | 227.54 | 224.07 | 219.90 | 216.37 | 215.49 | 216.46 | 222.72 | 227.87 | 231.76 | 232.54 | | |
| 17 | 232.45 | 230.43 | 227.27 | 223.84 | 219.82 | 216.26 | 215.19 | 216.58 | 222.83 | 228.10 | 231.72 | 232.64 | | |
| 18 | 232.54 | 230.60 | 227.49 | 223.76 | 219.71 | 216.29 | 215.20 | 216.70 | 222.88 | 228.19 | 231.81 | 232.88 | | |
| 19 | 232.59 | 230.56 | 227.65 | 223.65 | 219.51 | 216.36 | 215.25 | 217.16 | 223.00 | 228.37 | 231.94 | 232.77 | | |
| 20 | 232.45 | 230.42 | 227.24 | 223.50 | 219.34 | 216.32 | 215.28 | 217.32 | 223.18 | 228.41 | 231.76 | 232.83 | | |
| 21 | 232.35 | 230.27 | 227.05 | 223.41 | 219.35 | 216.42 | 215.09 | 217.44 | 223.35 | 228.46 | 231.54 | 233.01 | | |
| 22 | 232.38 | 230.03 | 226.78 | 223.43 | 219.09 | 216.48 | 215.06 | 217.59 | 223.56 | 228.57 | 231.33 | 233.15 | | |
| 23 | 232.43 | 229.84 | 226.60 | 223.23 | 218.91 | 216.34 | 215.20 | 217.76 | 223.73 | 228.76 | 231.44 | 233.12 | | |
| 24 | 232.36 | 229.86 | 226.65 | 223.02 | 218.73 | 216.37 | 215.16 | 217.87 | 224.11 | 228.85 | 231.60 | 233.15 | | |
| 25 | 232.20 | 229.89 | 226.56 | 222.97 | 218.60 | 216.58 | 215.03 | 217.99 | 224.51 | 228.87 | 231.65 | 233.19 | | |
| 26 | 232.19 | 229.91 | 226.51 | 222.93 | 218.46 | 216.32 | 215.07 | 218.30 | 224.61 | 228.93 | 231.72 | 233.15 | | |
| 27 | 232.21 | 229.83 | 226.42 | 222.60 | 218.28 | 216.23 | 215.06 | 218.66 | 224.65 | 229.19 | 231.78 | 233.05 | | |
| 28 | 232.05 | 229.70 | 226.00 | 222.50 | 218.23 | 216.39 | 215.12 | 219.00 | 224.57 | 229.37 | 231.69 | 233.02 | | |
| 29 | 231.84 | 229.40 | 225.71 | 222.58 | | 216.49 | 215.25 | 219.18 | 224.72 | 229.49 | 231.70 | 232.98 | | |
| 3 0 | 231.77 | 229.29 | 225.93 | 222.49 | | 216.42 | 215.21 | 219.24 | 225.00 | 229.58 | 231.69 | 232.95 | | |
| 31 | 231.65 | | 225.71 | 222.34 | | 216.13 | | 219.49 | | 229.66 | 231.65 | | | |
| MAX | 232.62 | 231.63 | 229.15 | 225.75 | 222.01 | 218.09 | 216.13 | 219.49 | 225.00 | 229.66 | 231.94 | 233.19 | | |
| MIN | 231.65 | 229.29 | 225.71 | 222.34 | 218.23 | 216.13 | 215.03 | 214.91 | 219.58 | 225.12 | 229.83 | 231.80 | | |
| | | | | | | | | | | | | | | |

WTR YR 2003 HIGH 214.84 MAY7 LOW 233.33 SEPTEMBER 25

LAS VEGAS VALLEY--Continued

360349115100001. Local number, 212 S22 E61 04BCB1; previously published as 212 S22 E61 04BCC 1.

LOCATION.--Lat 36°04'40", long 115°10'14", Hydrologic Unit 15010015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION .-- Water level recorder since July 1997, hourly

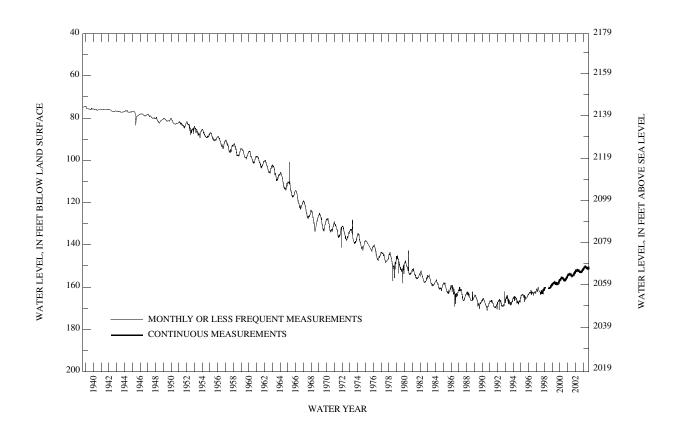
DATUM.--Elevation of land-surface datum is 2,219 ft above NGVD of 1929, from topographic map. Measuring point: Hole in top of casing, 0.8 ft above land-surface datum.

REMARKS.--Annual ground-water network; weekly measurements with steel tape supplied by Office of Nevada State Engineer and U.S. Geological Survey personnel.

PERIOD OF RECORD.—1938 (unpublished and available in the files of the U.S. Geological Survey); January 1939 through December 1950, monthly; January 1951 through June 1978, continuous (unpublished and available in the files of the Nevada Division of Water Resources); July 1978 to June 1997, weekly; July 1997 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.40 ft below land-surface datum, January 25, 1939; lowest measured, 183.36 ft below land-surface datum, June 15, 1992.

| | | DEPTH I | BELOW LAND | SURFACE | (WATER LE | , , |), WATER
EAN VALUES | | DBER 2002 | TO SEPTEM | BER 2003 | |
|--------|--------|----------|------------|----------|-----------|--------|------------------------|--------|-----------|-----------|----------|--------|
| DAY | OCT | г пол | J DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 5 | 153.07 | 152.65 | 151.98 | 151.49 | 151.10 | 150.75 | 150.58 | 150.51 | 150.76 | 150.98 | 151.14 | 151.15 |
| 10 | 152.83 | 152.38 | 151.82 | 151.36 | 151.12 | 150.75 | 150.60 | 150.62 | 150.76 | 151.16 | 151.22 | 151.12 |
| 15 | 152.72 | 152.50 | 151.69 | 151.46 | 150.94 | 150.52 | 150.64 | 150.54 | 150.85 | 151.20 | 151.29 | 151.08 |
| 20 | 152.69 | 152.36 | 151.66 | 151.28 | 150.87 | 150.69 | 150.57 | 150.68 | 150.75 | 151.29 | 151.21 | 151.07 |
| 25 | 152.59 | 152.11 | 151.72 | 151.31 | 150.68 | 150.77 | 150.48 | 150.55 | 151.07 | 151.30 | 151.16 | 151.07 |
| EOM | 152.52 | 152.04 | 151.54 | 151.21 | 150.76 | 150.62 | 150.57 | 150.72 | 150.99 | 151.28 | 151.09 | 151.08 |
| WTP VP | 2003 | HTGH 150 | 37 ADR 21 | T.OW 151 | 3 13 OCT | 6 | | | | | | |



LAS VEGAS VALLEY--Continued

Water Level--Levels above LSD (land-surface datum) are listed as negative values.

Water Level Status--D, site was dry (no water-level recorded); P, site was being pumped; R, the same site had been pumped recently. Water Level Method--G, pressure gage; S, steel tape; T, electric tape; V, calibrated electric tape. Reporting Agency--NV003, Nevada Division of Water Resources; USGS, U.S. Geological Survey

Water Level Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest one-hundreth of a foot.

The following sites are shown in figure 37.

| | | Well | Elevation | levation Water Level (Below Land Surface) (Feet | | | | | |
|---------------------|---------------------|------|---------------------|---|--------|--------|--------|---------------------|----------|
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method | Reporting
Agency | Accuracy |
| 162 S21 E54 10AAC 1 | 360836115531701 | 472. | 2885. | 10/18/2002 | 72.52 | | Т | NV003 | 1 |
| | | | | 11/14/2002 | 71.15 | | T | NV003 | 1 |
| | | | | 01/02/2003 | 69.95 | | T | NV003 | 1 |
| | | | | 02/10/2003 | 69.82 | | T | NV003 | 1 |
| | | | | 03/11/2003 | 69.62 | | T | NV003 | 1 |
| | | | | 04/03/2003 | 69.42 | | T | NV003 | 1 |
| | | | | 05/19/2003 | 70.40 | | T | NV003 | 1 |
| | | | | 06/19/2003 | 71.22 | | T | NV003 | 1 |
| | | | | 07/22/2003 | 71.90 | | T | NV003 | 1 |
| | | | | 08/12/2003 | 72.12 | | T | NV003 | 1 |
| | | | | 09/23/2003 | 72.78 | | T | NV003 | 1 |
| 212 S17 E58 14BCBA1 | 362830115270501 | 300. | 3180. | 11/06/2002 | 211.84 | | V | USGS | 2 |
| | | | | 04/17/2003 | 213.05 | | S | USGS | 2 |
| | | | | 06/18/2003 | 211.63 | | V | USGS | 2 |
| | | | | 08/21/2003 | 211.97 | | S | USGS | 2 |
| 212 S17 E59 20BD 1 | 362750115244001 | 300. | 2950. | 10/11/2002 | 26.56 | | S | USGS | 2 |
| 212 017 E37 20DD 1 | 302730113244001 | 300. | 2730. | 02/20/2003 | 28.22 | | S | USGS | 2 |
| | | | | 04/14/2003 | 28.17 | | S | USGS | 2 |
| | | | | 08/19/2003 | 28.38 | | S | USGS | 2 |
| 212 S19 E59 03CBAC1 | 361937115215601 | 855. | 3327. | 04/16/2003 | 750.79 | | T | USGS | 0 |
| 212 319 E39 03CBAC1 | 301937113213001 | 633. | 3321. | | 742.94 | | T | USGS | |
| 212 C10 E(0.04DAD 2 | 261020115154901 | 700 | 2454 | 08/19/2003 | | | | | 0 |
| 212 S19 E60 04DAB 2 | 361939115154801 | 780. | 2454. | 10/09/2002 | 106.48 | | S | USGS | 2 |
| | | | | 02/20/2003 | 101.05 | | S | USGS | 2 |
| | | | | 04/15/2003 | 100.82 | | T | USGS | 1 |
| | | | | 08/19/2003 | 108.75 | | S | USGS | 2 |
| 212 S19 E60 09BCC 1 | 361843115161001 | 830. | 2510. | 10/09/2002 | 190.36 | | S | USGS | 2 |
| | | | | 02/20/2003 | 178.23 | | S | USGS | 2 |
| | | | | 04/14/2003 | 178.97 | | T | USGS | 1 |
| | | | | 08/19/2003 | 186.28 | | S | USGS | 2 |
| 212 S19 E60 09DAD 2 | 361835115153701 | 300. | 2440 | 10/09/2002 | 150.80 | | S | USGS | 2 |
| | | | | 02/20/2003 | 113.85 | | S | USGS | 2 |
| | | | | 04/14/2003 | 119.89 | | T | USGS | 1 |
| | | | | 08/19/2003 | 161.65 | | S | USGS | 2 |
| 212 S19 E60 14BDDA1 | 361757115140201 | 300. | 2350. | 02/21/2003 | 122.13 | | T | USGS | 1 |
| | | | | 04/16/2003 | 121.34 | | T | USGS | 1 |
| | | | | 08/20/2003 | 146.74 | | T | USGS | 1 |
| 212 S19 E60 22BDD 1 | 361703115150601 | 400. | 2360. | 10/09/2002 | 146.47 | R | S | USGS | 2 |
| | | | | 02/18/2003 | 111.34 | | S | USGS | 2 |
| | | | | 04/14/2003 | 122.34 | | S | USGS | 2 |
| | | | | 08/21/2003 | 161.80 | | S | USGS | 2 |
| 212 S19 E60 29BDD 1 | 361613115171401 | 303. | 2530. | 02/18/2003 | 205.83 | R | S | USGS | 2 |
| | | | | 04/15/2003 | 207.21 | | T | USGS | 1 |
| | | | | 08/21/2003 | 214.79 | | T | USGS | 1 |
| 212 S19 E60 29DD 1 | 361602115165501 | 350. | 2470 | 10/09/2002 | 173.80 | | S | USGS | 2 |
| 212 017 200 2722 1 | 501002115105501 | | 2.70 | 02/19/2003 | 151.67 | | S | USGS | 2 |
| | | | | 04/15/2003 | 155.10 | | S | USGS | 2 |
| | | | | 08/21/2003 | 163.52 | | S | USGS | 2 |
| 212 S19 E60 29DDDB1 | 361550115164801 | 400. | 2462. | 10/09/2002 | 159.53 | | S | USGS | 2 |
| 212 317 EUU 27DDDB1 | 201220112104601 | 400. | ∠40∠. | 02/18/2003 | 139.33 | | S
S | USGS | |
| | | | | | | | | | 2 |
| | | | | 04/15/2003 | 150.16 | | T | USGS | 1 |
| 010 C10 E(0 2(CDD : | 261452115120201 | 220 | 2200 | 08/22/2003 | 163.67 | | S | USGS | 2 |
| 212 S19 E60 36CBB 1 | 361453115130301 | 330. | 2290. | 10/09/2002 | 145.32 | | S | USGS | 2 |
| | | | | 02/18/2003 | 127.80 | | S | USGS | 2 |
| | | | | 04/15/2003 | 151.23 | | T | USGS | 1 |
| | | | | 08/21/2003 | 147.37 | | S | USGS | 2 |

| | | | Elevation | | | | | | |
|---------------------|---------------------|---------------|--------------------|------------|--------|--------|--------|-----------|----------|
| | | Well
Depth | (Feet
Above Sea | | | | | Reporting | |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method | Agency | Accuracy |
| 212 S19 E61 25CCC 1 | 361544115132701 | 275. | 2301. | 10/09/2002 | 140.42 | | S | USGS | 2 |
| | | | | 02/18/2003 | 112.62 | | S | USGS | 2 |
| | | | | 04/15/2003 | 114.69 | | S | USGS | 2 |
| | | | | 08/21/2003 | 136.47 | | S | USGS | 2 |
| 212 S19 E61 31ADDD1 | 361516115112301 | 360. | 2185. | 10/08/2002 | 91.11 | | S | USGS | 2 |
| | | | | 02/19/2003 | 91.06 | | S | USGS | 2 |
| | | | | 04/14/2003 | 76.97 | | S | USGS | 2 |
| | | | | 08/19/2003 | 90.34 | P | T | USGS | 1 |
| 212 S19 E62 35DCDC1 | 361451115004401 | 838. | 1867. | 10/10/2002 | 83.79 | | S | USGS | 2 |
| | | | | 02/21/2003 | 77.35 | | T | USGS | 1 |
| | | | | 04/17/2003 | 77.09 | | S | USGS | 2 |
| | | | | 08/21/2003 | 71.70 | | T | USGS | 1 |
| 212 S20 E60 04CAD 1 | 361417115161301 | 500. | 2380. | 10/09/2002 | 307.59 | R | V | USGS | 1 |
| | | | | 02/19/2003 | 300.51 | | T | USGS | 0 |
| | | | | 04/15/2003 | 294.96 | | T | USGS | 1 |
| | | | | 08/21/2003 | 317.45 | R | T | USGS | 0 |
| | | | | | | | | | |

| | | | Elevation | Water | r Level (l | Below Land Surf | ace) | |
|---------------------|---------------------|-------------------------|------------------------------|--------------------------|------------------|-----------------|---------------------|----------|
| Local Well No | Site Identification | Well
Depth
(Feet) | (Feet
Above Sea
Level) | Date | (Feet) | Status Method | Reporting
Agency | Accuracy |
| 212 S20 E61 04CDDD1 | 361346115095501 | 300. | 2107. | 06/17/2003 | 95.61 | T | USGS | 1 |
| 212 320 E01 04CDDD1 | 301340113093301 | 300. | 2107. | 06/23/2003 | 95.54 | S | USGS | 2 |
| | | | | 06/30/2003 | 95.65 | T | USGS | 1 |
| | | | | 07/08/2003 | 95.36 | | USGS | 1 |
| | | | | 07/14/2003 | 95.25 | T | USGS | 1 |
| | | | | 07/21/2003 | 95.49 | T | USGS | 1 |
| | | | | 07/28/2003 | 95.24 | T | USGS | 1 |
| | | | | 08/04/2003 | 95.15 | T | USGS | 1 |
| | | | | 08/11/2003 | 95.01 | T | USGS | 1 |
| | | | | 08/18/2003 | 94.81 | T | USGS | 1 |
| | | | | 08/25/2003 | 94.80 | S | USGS | 2 |
| | | | | 09/02/2003 | 94.69 | T | USGS | 1 |
| | | | | 09/08/2003 | 94.46 | T | USGS | 1 |
| | | | | 09/15/2003 | 94.52 | T | USGS | 1 |
| | | | | 09/22/2003 | 94.55 | T | USGS | 1 |
| 212 S20 E61 06CBDD1 | 361346115115901 | 1000. | 2211. | 10/08/2002 | 73.99 | | USGS | 2 |
| | | | | 02/19/2003 | 69.13 | T | USGS | 1 |
| | | | | 04/14/2003 | 75.27 | S | USGS | 2 |
| | | | | 08/19/2003 | 74.49 | S | USGS | 2 |
| 212 S20 E61 14CCCC1 | 361212115065901 | 46. | 1910. | 10/08/2002 | 19.75 | | USGS | 2 |
| | | | | 02/19/2003 | 20.02 | T | USGS | 1 |
| | | | | 04/14/2003 | 20.29 | S | USGS | 2 |
| | | | | 08/20/2003 | 20.37 | | USGS | 2 |
| 212 S20 E61 22BCDD1 | 361141115085001 | 1000. | 2019. | 10/18/2002 | 16.59 | | USGS | 2 |
| | | | | 02/19/2003 | 17.71 | T | USGS | 1 |
| | | | | 04/14/2003 | 16.87 | S | USGS | 2 |
| 212 G20 E(1 20GDD 2 | 261045115111601 | 0.67 | 21.42.14 | 08/20/2003 | 17.85 | S | USGS | 2 |
| 212 S20 E61 29CBB 2 | 361047115111601 | 967. | 2143.14 | 10/28/2002 | 107.97 | S | NV003 | 2 |
| | | | | 11/04/2002 | 105.98 | S | NV003 | 2 |
| | | | | 11/12/2002 | 107.22 | S
S | NV003 | 2
2 |
| | | | | 11/20/2002 | 107.99 | S
S | NV003 | 2 |
| | | | | 11/25/2002
12/02/2002 | 105.65
103.82 | S | NV003
NV003 | 2 |
| | | | | 12/02/2002 | 103.82 | | NV003
NV003 | 2 |
| | | | | 12/09/2002 | 102.29 | S | NV003 | 2 |
| | | | | 12/23/2002 | 102.67 | S | NV003 | 2 |
| | | | | 12/30/2002 | 101.15 | S | NV003 | 2 |
| | | | | 01/08/2003 | 100.65 | S | NV003 | 2 |
| | | | | 01/14/2003 | 96.39 | S | NV003 | 2 |
| | | | | 01/21/2003 | 94.84 | S | NV003 | 2 |
| | | | | 01/28/2003 | 94.09 | S | USGS | 2 |
| | | | | 02/03/2003 | 93.13 | | USGS | 2 |
| | | | | 02/10/2003 | 93.99 | | USGS | 2 |
| | | | | 02/20/2003 | 91.06 | | USGS | 2 |
| | | | | 03/03/2003 | 89.53 | S | USGS | 2 |
| | | | | 03/10/2003 | 88.92 | S | USGS | 2 |
| | | | | 03/19/2003 | 88.44 | S | USGS | 2 |
| | | | | 03/24/2003 | 87.83 | S | USGS | 2 |
| | | | | 04/03/2003 | 88.24 | S | USGS | 2 |
| | | | | 04/09/2003 | 87.23 | S | USGS | 2 |
| | | | | 04/16/2003 | 87.75 | S | USGS | 2 |
| | | | | 04/21/2003 | 86.50 | S | USGS | 2 |
| | | | | 04/29/2003 | 91.99 | S | USGS | 2 |
| | | | | 05/05/2003 | 85.53 | S | USGS | 2 |
| | | | | 05/13/2003 | 87.35 | S | USGS | 2 |
| | | | | 03/13/2003 | 07.55 | 5 | | _ |
| | | | | 05/19/2003 | 87.35 | S | USGS | 2 |
| | | | | | 87.35
91.88 | S
S | USGS
USGS | 2
2 |
| | | | | 05/19/2003 | 87.35 | S
S | USGS | 2 |

| | J | | Elevation | E YContinue
Water | | Below Lai | nd Surf | ace) | |
|---------------------|---------------------|-----------------|---------------------|--------------------------|----------------|-----------|----------------|---------------------|----------|
| | | Well | (Feet | | | | | D .: | |
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | (Feet) | Status M | 1 ethod | Reporting
Agency | Accuracy |
| 212 S20 E61 30BDC 1 | 361053115120501 | 33. | 2190. | 10/08/2002 | 10.83 | | S | USGS | 2 |
| | | | | 02/19/2003 | 10.26 | | T | USGS | 1 |
| | | | | 04/14/2003 | 9.30 | | S | USGS | 2 |
| | | | | 08/19/2003 | 10.88 | | S | USGS | 2 |
| 212 S20 E61 31DCD 1 | 360937115113401 | 18. | 2155. | 10/08/2002 | 10.64 | | S | USGS | 2 |
| | | | | 02/19/2003 | 9.82 | | T | USGS | 1 |
| | | | | 04/14/2003 | 10.89 | | S | USGS | 2 |
| 212 S20 E61 32CDC 1 | 360941115104801 | 665. | 2095.5 | 08/19/2003
10/09/2002 | 10.73
33.63 | | S
S | USGS
USGS | 2
2 |
| 212 320 E01 32CDC 1 | 300941113104801 | 005. | 2093.3 | 02/19/2003 | 30.91 | | T | USGS | 1 |
| | | | | 04/16/2003 | 29.14 | | S | USGS | 2 |
| | | | | 08/19/2003 | 33.54 | | S | USGS | 2 |
| 212 S20 E61 34CAA 1 | 360837115095501 | 22. | 2010. | 10/09/2002 | 8.86 | | S | USGS | 2 |
| | | | | 02/19/2003 | 8.55 | | S | USGS | 2 |
| | | | | 04/14/2003 | 8.16 | | S | USGS | 2 |
| | | | | 08/20/2003 | 9.71 | | S | USGS | 2 |
| 212 S20 E62 07DAAC1 | 361324115045201 | 315. | 1873. | 10/01/2002 | 79.61 | | T | NV003 | 1 |
| | | | | 10/08/2002 | 79.27 | | T | NV003 | 1 |
| | | | | 10/14/2002 | 79.24 | | T | NV003 | 1 |
| | | | | 10/21/2002 | 78.94 | | T | NV003 | 1 |
| | | | | 10/28/2002 | 78.91 | | S | NV003 | 2 |
| | | | | 11/04/2002 | 78.77 | | S | NV003 | 2 |
| | | | | 11/12/2002 | 78.97 | | T
T | NV003 | 1
1 |
| | | | | 11/20/2002
11/25/2002 | 78.85
78.72 | | T | NV003
NV003 | 1 |
| | | | | 12/02/2002 | 78.59 | | T | NV003 | 1 |
| | | | | 12/02/2002 | 78.56 | | S | NV003 | 2 |
| | | | | 12/16/2002 | 77.75 | | S | NV003 | 2 |
| | | | | 12/23/2002 | 78.29 | | T | NV003 | 1 |
| | | | | 12/30/2002 | 78.31 | | S | NV003 | 2 |
| | | | | 01/08/2003 | 78.18 | | T | NV003 | 1 |
| | | | | 01/14/2003 | 78.13 | | T | NV003 | 1 |
| | | | | 01/21/2003 | 78.10 | | T | NV003 | 1 |
| | | | | 01/28/2003 | 77.99 | | T | USGS | 1 |
| | | | | 02/03/2003 | 78.28 | | T | USGS | 1 |
| | | | | 02/10/2003 | 78.14 | | T | USGS | 1 |
| | | | | 02/20/2003 | 77.93 | | T | USGS | 1 |
| | | | | 03/03/2003 | 77.82 | | T | USGS | 1 |
| | | | | 03/10/2003
03/19/2003 | 77.80
77.86 | | T
T | USGS
USGS | 1
1 |
| | | | | 03/14/2003 | 77.74 | | T | USGS | 1 |
| | | | | 04/03/2003 | 77.78 | | T | USGS | 1 |
| | | | | 04/09/2003 | 77.79 | | T | USGS | 1 |
| | | | | 04/16/2003 | 77.63 | | S | USGS | 2 |
| | | | | 04/21/2003 | 77.29 | | S | USGS | 2 |
| | | | | 04/29/2003 | 77.43 | | S | USGS | 2 |
| | | | | 05/05/2003 | 77.44 | | T | USGS | 1 |
| | | | | 05/13/2003 | 77.42 | | T | USGS | 1 |
| | | | | 05/19/2003 | 77.55 | | T | USGS | 1 |
| | | | | 05/27/2003 | 77.49 | | T | USGS | 1 |
| | | | | 06/17/2003 | 77.47 | | T | USGS | 1 |
| | | | | 06/23/2003 | 77.26 | | S | USGS | 2 |
| | | | | 06/30/2003 | 77.47 | | T
T | USGS | 1
1 |
| | | | | 07/08/2003
07/14/2003 | 77.50
77.48 | | T | USGS
USGS | 1 |
| | | | | 07/21/2003 | 77.49 | | T | USGS | 1 |
| | | | | 07/28/2003 | 77.51 | | T | USGS | 1 |
| | | | | 08/04/2003 | 77.82 | | T | USGS | 1 |
| | | | | 08/11/2003 | 77.83 | | T | USGS | 1 |
| | | | | 08/18/2003 | 77.47 | | T | USGS | 1 |
| | | | | 08/25/2003 | 77.60 | | S | USGS | 2 |
| | | | | 09/02/2003 | 77.48 | | T | USGS | 1 |

| - | | LAS VEO | GAS VALLI | EYContinue | d | | | | |
|-----------------------|---------------------|---------|---------------------|--------------------------|----------------|---------|-----------|---------------------|----------|
| | | Well | Elevation
(Feet | Wate | r Level (l | Below I | Land Surf | ace) | |
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method | Reporting
Agency | Accuracy |
| 212 520 562 07DA AC1 | 261224115045201 | 215 | 1972 | 00/09/2002 | 77.26 | | т | LICCC | 1 |
| 212 S20 E62 07DAAC1 | 361324115045201 | 315. | 1873. | 09/08/2003
09/15/2003 | 77.26
77.34 | | T
T | USGS
USGS | 1
1 |
| | | | | 09/22/2003 | 77.47 | | T | USGS | 1 |
| 212 S20 E62 09CCC 1 | 361258115032101 | 650. | 1827. | 10/10/2002 | 138.55 | | S | USGS | 2 |
| | | | | 02/21/2003 | 65.77 | | T | USGS | 1 |
| | | | | 04/17/2003 | 74.55 | | S | USGS | 2 |
| 010 C00 E (0.15DD AD1 | 261222115021501 | 1000 | 1016 | 08/21/2003 | 136.59 | | T | USGS | 1 |
| 212 S20 E62 15BBAB1 | 361233115021501 | 1000. | 1816. | 10/10/2002
02/21/2003 | 88.63
95.10 | | S
T | USGS
USGS | 2 |
| | | | | 04/17/2003 | 77.83 | | S | USGS | 2 |
| | | | | 08/21/2003 | 150.41 | | T | USGS | 1 |
| 212 S20 E62 16ACC 1 | 361241115024801 | 694. | 1811. | 10/10/2002 | 101.24 | | S | USGS | 2 |
| | | | | 02/21/2003 | 68.40 | | T | USGS | 1 |
| | | | | 04/17/2003 | 71.65 | | S | USGS | 2 |
| | | | | 08/21/2003 | 96.93 | | T | USGS | 1 |
| 212 S20 E62 19DC 1 | 361123115050601 | 300. | 1797. | 10/01/2002 | 17.51 | | T | NV003 | 1 |
| | | | | 10/08/2002 | 17.46 | | T
T | NV003 | 1
1 |
| | | | | 10/14/2002
10/21/2002 | 17.43
17.37 | | T | NV003
NV003 | 1 |
| | | | | 10/28/2002 | 17.35 | | S | NV003 | 2 |
| | | | | 11/04/2002 | 17.24 | | S | NV003 | 2 |
| | | | | 11/12/2002 | 17.16 | | T | NV003 | 1 |
| | | | | 11/20/2002 | 17.13 | | T | NV003 | 1 |
| | | | | 11/25/2002 | 17.08 | | T | NV003 | 1 |
| | | | | 12/02/2002 | 17.02 | | T | NV003 | 1 |
| | | | | 12/09/2002 | 17.03 | | S | NV003 | 2 |
| | | | | 12/16/2002
12/23/2002 | 16.92
16.81 | | S
T | NV003
NV003 | 2 |
| | | | | 12/23/2002 | 16.99 | | S | NV003
NV003 | 2 |
| | | | | 01/08/2003 | 16.71 | | T | NV003 | 1 |
| | | | | 01/14/2003 | 16.66 | | T | NV003 | 1 |
| | | | | 01/21/2003 | 16.62 | | T | NV003 | 1 |
| | | | | 01/28/2003 | 16.64 | | T | USGS | 1 |
| | | | | 02/03/2003 | 16.63 | | T | USGS | 1 |
| | | | | 02/10/2003 | 16.54 | | T | USGS | 1 |
| | | | | 02/20/2003 03/03/2003 | 16.49
16.38 | | T
T | USGS
USGS | 1
1 |
| | | | | 03/03/2003 | 16.33 | | T | USGS | 1 |
| | | | | 03/19/2003 | 16.29 | | T | USGS | 1 |
| | | | | 03/24/2003 | 16.26 | | T | USGS | 1 |
| | | | | 04/03/2003 | 16.28 | | T | USGS | 1 |
| | | | | 04/09/2003 | 16.22 | | T | USGS | 1 |
| | | | | 04/16/2003 | 16.25 | | S | USGS | 2 |
| | | | | 04/21/2003 | 16.35 | | S | USGS | 2 |
| | | | | 04/29/2003
05/05/2003 | 16.20
16.21 | | S
T | USGS
USGS | 2 |
| | | | | 05/03/2003 | 16.21 | | T | USGS | 1 |
| | | | | 05/19/2003 | 16.20 | | T | USGS | 1 |
| | | | | 05/27/2003 | 16.29 | | T | USGS | 1 |
| | | | | 06/17/2003 | 16.44 | | T | USGS | 1 |
| | | | | 06/23/2003 | 16.76 | | S | USGS | 2 |
| | | | | 06/30/2003 | 16.51 | | T | USGS | 1 |
| | | | | 07/08/2003 | 16.56 | | T | USGS | 1 |
| | | | | 07/14/2003
07/21/2003 | 16.59
16.63 | | T
T | USGS
USGS | 1
1 |
| | | | | 07/21/2003 | 16.63 | | T | USGS | 1 |
| | | | | 08/04/2003 | 16.64 | | T | USGS | 1 |
| | | | | 08/11/2003 | 16.62 | | T | USGS | 1 |
| | | | | 08/18/2003 | 16.58 | | T | USGS | 1 |
| | | | | 08/25/2003 | 16.60 | | S | USGS | 2 |
| | | | | 09/02/2003 | 16.63 | | T | USGS | 1 |
| | | | | 09/08/2003 | 16.55 | | T | USGS | 1 |

| | | | Well | Elevation
(Feet | Wate | r Level (l | Below I | and Surf | ace) | |
|--|---------------------|---------------------|-------|--------------------|------------|------------|---------|----------|-------|----------|
| 212 S20 E62 21CAB | Local Well No | Site Identification | Depth | Above Sea | | (Feet) | Status | Method | | Accuracy |
| 212 S20 E62 21CAB | 212 S20 F62 19DC 1 | 361123115050601 | 300 | 1797 | 09/15/2003 | 16.52 | | Т | USGS | 1 |
| 22 230 240 | 212 020 E02 17DC 1 | 301123113030001 | 500. | 1777. | | | | | | |
| 100141000 | 212 S20 E62 21CAB 1 | 361131115031601 | 357 | 1782. | | | | | | |
| 1021/2002 45.51 S | | | | | 10/08/2002 | 45.68 | | S | NV003 | 2 |
| 1028/2002 | | | | | | | | | | |
| 11042000 45.01 S | | | | | | | | | | |
| 11/12/2002 | | | | | | | | | | |
| 11/25/2002 | | | | | | | | | | |
| 11/25/2002 | | | | | | | | | | |
| 1200/2000 | | | | | | | | | | |
| 1216/C002 | | | | | 12/02/2002 | 44.39 | | | NV003 | |
| 1223/2002 | | | | | 12/09/2002 | 44.00 | | | NV003 | |
| 1200/2002 43.27 S | | | | | | | | | | |
| 1008/2003 43.36 S | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | 02/03/2003 | 43.01 | | | USGS | 2 |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 04/16/2003 | | | | | | | | | | |
| 04/21/2003 42.21 S | | | | | 04/09/2003 | 42.26 | | | USGS | |
| 04/29/2003 | | | | | | | | | | |
| 05/05/2003 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | 06/07/2003 | 43.35 | | S | USGS | |
| 1 | | | | | | | | S | | |
| 107/14/2003 44.29 S USGS 2 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 100 | | | | | | | | | | |
| No. No. | | | | | | | | | | |
| 100 | | | | | | | | | | |
| 100 | | | | | | 44.05 | | S | USGS | 2 |
| 100 | | | | | | | | | | |
| 1900 | | | | | | | | | | |
| 212 S20 E62 26BBCC1 361100115011901 320. 1900. 10/07/2002 147.47 P V USGS 2 212 S20 E62 26BBCC1 361100115011901 320. 1900. 10/07/2002 147.47 P V USGS 2 212 S20 E62 29DBCD1 361040115040601 37. 1770. 10/07/2002 22.55 S USGS 2 212 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 212 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 214 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 215 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 216 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 217 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 210 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 210 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 | | | | | | | | | | |
| 212 S20 E62 26BBCC1 361100115011901 320. 1900. 10/07/2002 147.47 P V USGS 2 02/18/2003 116.33 V USGS 2 04/14/2003 117.24 V USGS 2 08/20/2003 116.38 V USGS 2 08/20/2003 21.63 V USGS 2 02/18/2003 21.98 S USGS 2 04/14/2003 21.72 S USGS 2 08/20/2003 21.64 S USGS 2 08/20/2003 21.64 S USGS 2 08/20/2003 21.64 S USGS 2 08/20/2003 20.58 S USGS 2 02/18/2003 20.58 S USGS 2 02/18/2003 20.58 S USGS 2 | | | | | | | | | | |
| 02/18/2003 116.33 V USGS 2 | 212 S20 E62 26BBCC1 | 361100115011901 | 320. | 1900. | | | | | | |
| 1740 1007/2002 117.24 V | | | | | | | | | | |
| 212 S20 E62 29DBCD1 361040115040601 37. 1770. 10/07/2002 22.55 S USGS 2 02/18/2003 21.98 S USGS 2 04/14/2003 21.72 S USGS 2 08/20/2003 21.64 S USGS 2 212 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 02/18/2003 20.58 S USGS 2 04/14/2003 20.37 S USGS 2 | | | | | | | | | | |
| 02/18/2003 21.98 S USGS 2 04/14/2003 21.72 S USGS 2 04/14/2003 21.72 S USGS 2 08/20/2003 21.64 S USGS 2 08/20/2003 21.64 S USGS 2 02/18/2003 20.58 S USGS 2 02/18/2003 20.58 S USGS 2 04/14/2003 20.37 S USG | | | | | | | | | | |
| 04/14/2003 21.72 S USGS 2 08/20/2003 21.64 S USGS 2 08/20/2003 21.64 S USGS 2 2 212 S20 E62 34CABB1 360952115020701 100. 1740. 1740. 10/07/2002 21.31 S USGS 2 02/18/2003 20.58 S USGS 2 04/14/2003 20.37 S USGS 2 2 2 2 2 2 2 2 2 | 212 S20 E62 29DBCD1 | 361040115040601 | 37. | 1770. | | | | | | |
| 212 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 02/18/2003 20.58 S USGS 2 04/14/2003 20.37 S USGS 2 | | | | | | | | | | |
| 212 S20 E62 34CABB1 360952115020701 100. 1740. 10/07/2002 21.31 S USGS 2 02/18/2003 20.58 S USGS 2 04/14/2003 20.37 S USGS 2 | | | | | | | | | | |
| 02/18/2003 20.58 S USGS 2
04/14/2003 20.37 S USGS 2 | 212 S20 E62 34CABB1 | 360952115020701 | 100 | 1740 | | | | | | |
| 04/14/2003 20.37 S USGS 2 | 020 202 0 TOTABBT | 230,02113020701 | 100. | 1,10. | | | | | | |
| 08/20/2003 20.77 S USGS 2 | | | | | | | | | | |
| | | | | | 08/20/2003 | 20.77 | | S | USGS | 2 |

| - | | | | | | | | | |
|-----------------------|---------------------|--------|--------------------|--------------------------|-----------------|---------|----------|----------------|----------|
| | | 337 11 | Elevation | Wate | r Level (| Below I | and Surf | ace) | |
| | | Well | (Feet
Above Sea | | | | | Reporting | |
| Local Well No | Site Identification | (Feet) | Level) | Date | (Feet) | Status | Method | Agency | Accuracy |
| | | | | | (''' | | | 8, | |
| 212 S21 E60 01DBB 1 | 360847115125301 | 190. | 2261. | 10/07/2002 | 86.40 | | S | USGS | 2 |
| | | | | 02/18/2003 | 83.76 | | S | USGS | 2 |
| | | | | 04/15/2003 | 86.54 | | S | USGS | 2 |
| 212 S21 E60 16BDDB1 | 360712115155501 | 750. | 2545 | 08/22/2003
10/07/2002 | 88.33
434.43 | | S
V | USGS
USGS | 2
2 |
| 212 321 E00 10BDDB1 | 300/12113133301 | 730. | 2545. | 02/18/2003 | 432.07 | | V | USGS | 2 |
| | | | | 04/15/2003 | 431.04 | | T | USGS | 0 |
| | | | | 08/22/2003 | 428.80 | | T | USGS | 0 |
| 212 S21 E61 01DDBA1 | 360852115060901 | 25. | 1825. | 10/09/2002 | 7.72 | | S | USGS | 2 |
| | | | | 02/18/2003 | 7.37 | | S | USGS | 2 |
| | | | | 04/14/2003 | 6.98 | | S | USGS | 2 |
| | | | | 08/19/2003 | 7.61 | | S | USGS | 2 |
| 212 S21 E61 03ABAB1 | 360930115083401 | 25. | 2008. | 10/09/2002 | 11.08 | | S | USGS | 2 |
| | | | | 02/19/2003 | 11.03 | | S | USGS | 2 |
| | | | | 04/14/2003 | 10.56 | | S | USGS | 2 |
| 212 S21 E61 03ABB 2 | 360931115083802 | 807. | 2014. | 08/19/2003 | 11.63
30.10 | | S
S | USGS | 2
2 |
| 212 321 E01 03ABB 2 | 300931113063602 | 807. | 2014. | 10/09/2002
02/19/2003 | 25.14 | | S | USGS
USGS | 2 |
| | | | | 04/14/2003 | 22.21 | | S | USGS | 2 |
| | | | | 08/19/2003 | 31.22 | | S | USGS | 2 |
| 212 S21 E61 14ACA 1 | 360728115072901 | 750. | 1930. | 10/08/2002 | 81.55 | | S | USGS | 2 |
| | | | | 02/20/2003 | 4.32 | | V | USGS | 2 |
| | | | | 04/15/2003 | 26.08 | | V | USGS | 2 |
| | | | | 08/21/2003 | 61.71 | | V | USGS | 2 |
| 212 S21 E61 19BDCC1 | 360630115120401 | 37. | 2210. | 10/07/2002 | 18.98 | | S | USGS | 2 |
| | | | | 02/18/2003 | 19.52 | | S | USGS | 2 |
| | | | | 04/15/2003 | 19.53 | | S | USGS | 2 |
| 212 C21 E71 22D A A71 | 260649115094001 | 1.5 | 2020 | 08/22/2003 | 18.99 | | S | USGS | 2 |
| 212 S21 E61 22BAAC1 | 360648115084901 | 15. | 2030. | 10/08/2002
02/20/2003 | 9.83
9.80 | | S
S | USGS
USGS | 2
2 |
| | | | | 04/16/2003 | 9.80 | | S | USGS | 2 |
| | | | | 08/21/2003 | 9.30 | | S | USGS | 2 |
| 212 S21 E61 22CCC 1 | 360600115091001 | 500. | 2072. | 10/09/2002 | 37.95 | | S | USGS | 2 |
| | | | | 02/19/2003 | 28.55 | | V | USGS | 2 |
| | | | | 04/16/2003 | 27.99 | | V | USGS | 2 |
| 212 S21 E61 24CAD 1 | 360617115063801 | 24. | 1950. | 10/08/2002 | 16.06 | | S | USGS | 2 |
| | | | | 02/18/2003 | 16.05 | | S | USGS | 2 |
| | | | | 04/14/2003 | 15.68 | | S | USGS | 2 |
| 010 C01 E(1 04CAD 0 | 260617115062002 | 20 | 1050 | 08/21/2003 | 15.99 | | S | USGS | 2 |
| 212 S21 E61 24CAD 2 | 360617115063802 | 30. | 1958. | 10/08/2002
02/18/2003 | 16.10
15.88 | | S
S | USGS
USGS | 2
2 |
| | | | | 04/14/2003 | 15.48 | | S | USGS | 2 |
| | | | | 08/21/2003 | 15.72 | | S | USGS | 2 |
| 212 S21 E61 26DDBB1 | 360522115072101 | 30. | 2010. | 10/08/2002 | 17.63 | | S | USGS | 2 |
| | | | | 02/18/2003 | 17.96 | | S | USGS | 2 |
| | | | | 04/14/2003 | 17.77 | | S | USGS | 2 |
| | | | | 08/21/2003 | 18.23 | | S | USGS | 2 |
| 212 S21 E61 28CABB1 | 360528115094201 | 93. | 2125. | 10/01/2002 | 17.21 | | S | NV003 | 2 |
| | | | | 10/08/2002 | 17.30 | | S | USGS | 2 |
| | | | | 10/08/2002 | 17.31 | | S | NV003 | 2 |
| | | | | 10/14/2002 | 17.35 | | S | NV003 | 2 |
| | | | | 10/21/2002
10/28/2002 | 17.30
18.11 | | T
S | NV003
NV003 | 1 2 |
| | | | | 11/04/2002 | 17.23 | | S | NV003
NV003 | 2 |
| | | | | 11/12/2002 | 17.19 | | T | NV003 | 1 |
| | | | | 11/20/2002 | 17.25 | | T | NV003 | 1 |
| | | | | 11/25/2002 | 17.24 | | T | NV003 | 1 |
| | | | | 12/02/2002 | 17.31 | | T | NV003 | 1 |
| | | | | 12/09/2002 | 17.50 | | S | NV003 | 2 |
| | | | | 12/16/2002 | 17.50 | | S | NV003 | 2 |
| | | | | 12/30/2002 | 17.67 | | S | NV003 | 2 |
| | | | | 01/08/2003 | 17.78 | | T | NV003 | 1 |

| | | Well | Elevation
(Feet | Water | r Level (I | Below I | Land Surf | ace) | |
|-----------------------|---------------------|------|---------------------|--------------------------|----------------|---------|-----------|---------------------|----------|
| Local Well No | Site Identification | | Above Sea
Level) | Date | (Feet) | Status | Method | Reporting
Agency | Accuracy |
| 212 S21 E61 28CABB1 | 360528115094201 | 93. | 2125. | 01/14/2003 | 17.88 | | T | NV003 | 1 |
| 212 021 Lot 20C/ADD1 | 300320113074201 | 73. | 2123. | 01/21/2003 | 17.94 | | T | NV003 | 1 |
| | | | | 01/28/2003 | 17.86 | | T | USGS | 1 |
| | | | | 02/03/2003 | 17.93 | | T | USGS | 1 |
| | | | | 02/10/2003 | 17.95 | | T | USGS | 1 |
| | | | | 02/19/2003 | 17.77 | | S | USGS | 2 |
| | | | | 02/20/2003 | 17.78 | | T | USGS | 1 |
| | | | | 03/03/2003 | 17.38 | | T | USGS | 1 |
| | | | | 03/10/2003 | 17.36 | | T | USGS | 1 |
| | | | | 03/19/2003 | 17.48 | | T | USGS | 1 |
| | | | | 03/24/2003 | 17.45 | | T | USGS | 1 |
| | | | | 04/03/2003 | 17.45 | | T | USGS | 1 |
| | | | | 04/09/2003 | 17.41 | | T | USGS | 1 |
| | | | | 04/15/2003 | 17.45 | | S | USGS | 2 |
| | | | | 04/16/2003 | 17.44
17.34 | | S
S | USGS
USGS | 2 2 |
| | | | | 04/21/2003 04/29/2003 | 17.34 | | S | USGS | 2 |
| | | | | 05/05/2003 | 17.33 | | T | USGS | 1 |
| | | | | 05/03/2003 | 17.40 | | T | USGS | 1 |
| | | | | 05/19/2003 | 17.47 | | T | USGS | 1 |
| | | | | 05/27/2003 | 17.41 | | T | USGS | 1 |
| | | | | 06/17/2003 | 17.28 | | T | USGS | 1 |
| | | | | 06/23/2003 | 17.06 | | S | USGS | 2 |
| | | | | 06/30/2003 | 16.86 | | T | USGS | 1 |
| | | | | 07/08/2003 | 16.78 | | T | USGS | 1 |
| | | | | 07/14/2003 | 16.69 | | T | USGS | 1 |
| | | | | 07/21/2003 | 16.67 | | T | USGS | 1 |
| | | | | 07/28/2003 | 16.41 | | T | USGS | 1 |
| | | | | 08/04/2003 | 16.28 | | T | USGS | 1 |
| | | | | 08/11/2003 | 16.45 | | T | USGS | 1 |
| | | | | 08/18/2003 | 16.42 | | T | USGS | 1 |
| | | | | 08/21/2003 | 16.48 | | S | USGS | 2 |
| | | | | 08/25/2003
09/02/2003 | 16.43
15.92 | | S
T | USGS
USGS | 2
1 |
| | | | | 09/02/2003 | 16.41 | | T | USGS | 1 |
| 212 S21 E62 08DBDA2 | 360733115034402 | 200. | 1731. | 10/07/2002 | 13.75 | | S | USGS | 2 |
| 212 021 202 00000112 | 300733113031102 | 200. | 1751. | 02/20/2003 | 13.01 | | S | USGS | 2 |
| | | | | 04/14/2003 | 14.58 | | S | USGS | 2 |
| 212 S21 E62 09ADAD1 | 360821115025001 | 49. | 1708. | 10/07/2002 | 17.22 | | S | USGS | 2 |
| | | | | 02/18/2003 | 16.27 | | S | USGS | 2 |
| | | | | 04/14/2003 | 16.46 | | S | USGS | 2 |
| | | | | 08/20/2003 | 14.98 | | S | USGS | 2 |
| 212 S21 E62 10ACAA1 | 360826115020001 | 715. | 1705. | 10/07/2002 | 20.90 | | S | USGS | 2 |
| | | | | 02/18/2003 | 21.21 | | S | USGS | 2 |
| | | | | 04/14/2003 | 21.38 | | S | USGS | 2 |
| 010 001 E/0 1ED 1 D 1 | 24054445050004 | | 4500 | 08/20/2003 | 20.95 | | S | USGS | 2 |
| 212 S21 E62 17DAB 1 | 360744115050801 | 11. | 1730. | 10/07/2002 | 10.50 | D | | USGS | 2 |
| | | | | 02/18/2003 | 10.58 | | S
S | USGS | 2
2 |
| | | | | 04/14/2003 | 9.58
11.20 | | S
S | USGS
USGS | 2 |
| 212 S21 E62 20DDD 1 | 360601115034401 | 500. | 1720. | 08/20/2003
10/08/2002 | -67.5 | | G
G | USGS | 0 |
| 212 021 D02 20DDD I | 500001115054401 | 500. | 1/20. | 02/18/2003 | -65.5 | | G | USGS | 0 |
| | | | | 04/15/2003 | -69.5 | | G | USGS | 0 |
| | | | | 08/21/2003 | -67.0 | | G | USGS | 1 |
| 212 S21 E63 30AAAA1 | 360832115060201 | 80. | 1590. | 10/07/2002 | 22.11 | | S | USGS | 2 |
| | | | | 02/18/2003 | 23.04 | | S | USGS | 2 |
| | | | | 04/14/2003 | 23.00 | | S | USGS | 2 |
| | | | | 08/20/2003 | 22.68 | | S | USGS | 2 |
| 212 S22 E60 20CACA1 | 360047115171401 | 710. | 2810. | 10/07/2002 | 473.40 | | V | USGS | 2 |
| | | | | 02/18/2003 | 473.17 | | V | USGS | 2 |
| | | | | 04/17/2003 | 472.85 | | T | USGS | 1 |
| | | | | 08/22/2003 | 473.66 | | T | USGS | 1 |

| | | Well | Elevation
(Feet | | r Level (l | Below I | Land Surf | ace) | |
|---------------------|---------------------|-----------------|---------------------|--------------------------|------------------|---------|-----------|---------------------|----------|
| Local Well No | Site Identification | Depth
(Feet) | Above Sea
Level) | Date | (Feet) | Status | Method | Reporting
Agency | Accuracy |
| 212 S22 E61 03ADBC2 | 360401115082301 | 60. | 2086. | 10/09/2002 | 30.13 | | S | USGS | 2 |
| | | | | 02/19/2003 | 30.70 | | S | USGS | 2 |
| | | | | 04/15/2003 | 30.65 | | S | USGS | 2 |
| | | | | 08/21/2003 | 29.67 | | S | USGS | 2 |
| 212 S22 E61 04BCB 1 | 360349115100001 | 355. | 2219. | 10/01/2002 | 153.00 | | T | NV003 | 1 |
| | | | | 10/08/2002 | 152.97 | | T | NV003 | 1 |
| | | | | 10/09/2002
10/14/2002 | 152.93
152.89 | | S
T | USGS
NV003 | 2
1 |
| | | | | 10/14/2002 | 152.68 | | T | NV003
NV003 | 1 |
| | | | | 10/28/2002 | 152.72 | | S | NV003 | 2 |
| | | | | 11/04/2002 | 152.63 | | S | NV003 | 2 |
| | | | | 11/12/2002 | 152.66 | | T | NV003 | 1 |
| | | | | 11/20/2002 | 152.49 | | T | NV003 | 1 |
| | | | | 11/20/2002 | 152.40 | | S | USGS | 2 |
| | | | | 11/25/2002 | 152.16 | | T | NV003 | 1 |
| | | | | 12/02/2002 | 151.98 | | T | NV003 | 1 |
| | | | | 12/09/2002 | 151.95 | | S | NV003 | 2 |
| | | | | 12/16/2002 | 151.19 | | S | NV003 | 2 |
| | | | | 12/23/2002 | 151.59 | | T | NV003 | 1 |
| | | | | 12/30/2002 | 153.52 | | S | NV003 | 2 |
| | | | | 01/08/2003 | 151.51 | | T | NV003 | 1 |
| | | | | 01/14/2003 | 151.46 | | T
T | NV003
NV003 | 1
1 |
| | | | | 01/21/2003
01/28/2003 | 151.33
151.21 | | T | USGS | 1 |
| | | | | 02/03/2003 | 151.25 | | T | USGS | 1 |
| | | | | 02/10/2003 | 151.23 | | T | USGS | 1 |
| | | | | 02/19/2003 | 150.96 | | S | USGS | 2 |
| | | | | 02/20/2003 | 150.93 | | T | USGS | 1 |
| | | | | 03/03/2003 | 150.80 | | T | USGS | 1 |
| | | | | 03/10/2003 | 150.85 | | T | USGS | 1 |
| | | | | 03/19/2003 | 150.76 | | T | USGS | 1 |
| | | | | 03/24/2003 | 150.72 | | T | USGS | 1 |
| | | | | 04/03/2003 | 150.70 | | T | USGS | 1 |
| | | | | 04/09/2003 | 150.79 | | T | USGS | 1 |
| | | | | 04/16/2003 | 151.48 | | S | USGS | 2 |
| | | | | 04/17/2003 | 150.55 | | S | USGS | 2 |
| | | | | 04/21/2003 | 150.51 | | S | USGS | 2 |
| | | | | 04/29/2003 | 153.40 | | S | USGS | 2 |
| | | | | 05/05/2003
05/13/2003 | 150.54
150.59 | | T
T | USGS
USGS | 1
1 |
| | | | | 05/19/2003 | 150.59 | | T | USGS | 1 |
| | | | | 05/17/2003 | 150.07 | | T | USGS | 1 |
| | | | | 06/17/2003 | 150.83 | | T | USGS | 1 |
| | | | | 06/23/2003 | 150.68 | | S | USGS | 2 |
| | | | | 06/27/2003 | 151.03 | | S | USGS | 2 |
| | | | | 06/30/2003 | 150.99 | | T | USGS | 1 |
| | | | | 07/08/2003 | 151.05 | | T | USGS | 1 |
| | | | | 07/14/2003 | 151.19 | | T | USGS | 1 |
| | | | | 07/21/2003 | 151.30 | | T | USGS | 1 |
| | | | | 07/28/2003 | 151.24 | | T | USGS | 1 |
| | | | | 08/04/2003 | 151.13 | | T | USGS | 1 |
| | | | | 08/11/2003 | 151.20 | | T | USGS | 1 |
| | | | | 08/13/2003 | 151.22 | | S | USGS | 2 |
| | | | | 08/18/2003 | 151.11 | | T | USGS | 1 |
| | | | | 08/25/2003 | 152.05 | | S | USGS | 2 |
| | | | | 09/02/2003 | 151.14 | | T | USGS | 1 |
| | | | | 09/08/2003
09/15/2003 | 150.97
151.13 | | T
T | USGS
USGS | 1
1 |
| | | | | 09/13/2003 | 151.13 | | T | USGS | 1 |
| | | | | 0714414003 | 131.0/ | | 1 | USUS | 1 |

| | | | Elevation | Wate | r Level (l | Below L | and Surf | ace) | |
|---------------------|---------------------|-------------------------|------------------------------|------------|------------|---------|----------|---------------------|----------|
| Local Well No | Site Identification | Well
Depth
(Feet) | (Feet
Above Sea
Level) | Date | (Feet) | Status | Method | Reporting
Agency | Accuracy |
| 212 S22 E61 12AAAD1 | 360321115060001 | 500. | 2020. | 10/09/2002 | 21.14 | | S | USGS | 2 |
| | | | | 02/19/2003 | 8.90 | | S | USGS | 2 |
| | | | | 04/15/2003 | 11.77 | | S | USGS | 2 |
| | | | | 08/20/2003 | 21.22 | | S | USGS | 2 |
| 212 S22 E61 16AABB1 | 360231115092401 | 145. | 2195. | 01/03/2003 | 113.64 | | S | USGS | 2 |
| | | | | 02/19/2003 | 113.47 | | V | USGS | 2 |
| | | | | 04/15/2003 | 112.86 | | S | USGS | 2 |
| | | | | 08/20/2003 | 112.76 | | V | USGS | 2 |
| 212 S22 E61 20BAD 1 | 360112115104301 | 210. | 2287. | 10/08/2002 | 203.14 | | V | USGS | 2 |
| | | | | 02/19/2003 | 200.57 | | V | USGS | 2 |
| | | | | 04/15/2003 | 200.34 | | V | USGS | 2 |
| | | | | 08/20/2003 | 202.21 | | V | USGS | 2 |
| 212 S22 E61 28CDAA1 | 360007115094801 | 300. | 2265. | 10/15/2002 | 147.52 | | V | USGS | 2 |
| | | | | 02/19/2003 | 144.72 | | V | USGS | 2 |
| | | | | 04/17/2003 | 144.20 | | V | USGS | 2 |
| 212 S22 E61 29DCDB1 | 360002115103801 | 300. | 2275. | 10/08/2002 | 138.55 | | S | USGS | 2 |
| | | | | 02/19/2003 | 137.08 | | S | USGS | 2 |
| | | | | 04/16/2003 | 136.83 | | S | USGS | 2 |
| | | | | 08/20/2003 | 137.29 | | S | USGS | 2 |
| 212 S22 E62 15BBCB1 | 360222115024301 | 84. | 1894. | 12/17/2002 | 66.66 | | S | USGS | 2 |
| | | | | 02/20/2003 | 65.02 | | S | USGS | 2 |
| | | | | 04/17/2003 | 64.08 | | S | USGS | 2 |
| | | | | 08/20/2003 | 64.13 | | S | USGS | 2 |
| 212 S23 E61 03BCC 1 | 361136115101401 | 650. | 2375. | 10/08/2002 | 223.22 | | S | USGS | 2 |
| | | | | 02/19/2003 | 223.14 | | S | USGS | 2 |
| | | | | 04/16/2003 | 223.34 | | S | USGS | 2 |
| | | | | 08/20/2003 | 223.59 | | S | USGS | 2 |

PAHRUMP VALLEY

360836115531701. Local number, 162 S21 E54 10AAC1.

LOCATION.--Lat 36°08'36", long 115°53'17", Hydrologic Unit 16060015, in Clark County.

AQUIFER .-- Alluvium of Quaternary age.

INSTRUMENTATION .-- Noon daily graphic recorder.

DATUM.--Elevation of land-surface datum is 2,885 ft above NGVD of 1929, from topographic map. Measuring point: Edge of recorder shelf, 1.2 ft above land-surface datum.

REMARKS.--Measurements supplied by Office of the Nevada State Engineer.

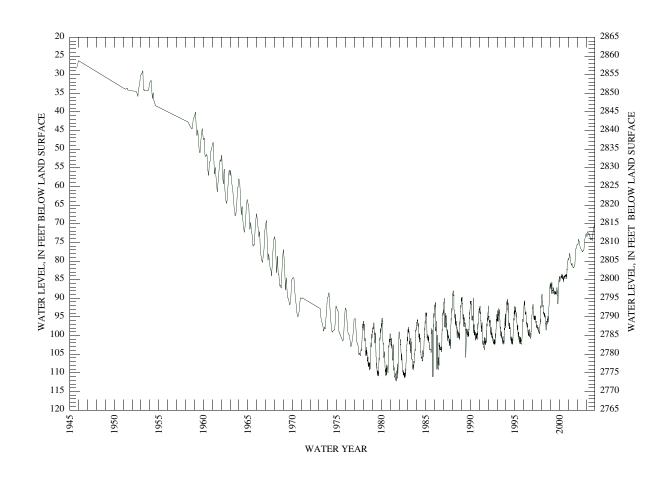
PERIOD OF RECORD.--1944, 1950 through 1970, monthly or intermittent; 1972, 1973, 1975, yearly (unpublished and available in the files of the U.S. Geological Survey); February to August, 1976, monthly; October 1976 to December 1999, weekly; January 2000 to current year, monthly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.29 ft below land-surface datum, January 5, 1945; lowest measured, 112.25 ft below land-surface datum, September 5, 1980.

WATER-LEVEL METHOD: T, electric tape.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| WATER
LEVEL MS | | WATER
LEVEL MS | | WATER
LEVEL MS | | WATER
LEVEL MS | | WATER
LEVEL MS | | WATER
LEVEL MS |
|----------------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|--------|-------------------|
| OCT 18 72.52 T
NOV 14 71.15 T | JAN 02
FEB 10 | 69.95 T
69.82 T | MAR 11
APR 03 | 69.62 T
69.42 T | MAY 19
JUN 19 | 70.40 T
71.22 T | JUL 22
AUG 12 | 71.90 T
72.12 T | SEP 23 | 72.78 T |
| WATER YEAR 2003 | HIGHEST | 69 42 APR 03 | T.OWI | EST 72 78 | SEP 23 | | | | | |



20

2.1

22

23

24

2.5

26

27

28

29

30

31 MAX

MIN

393.85

393.83

393.85

393.88

393.85

393.80

393.82

393.89

393.82

393 77

393.83

393.82

394.00

393.77

393.79

393.72

393.67

393.63

393.70

393.76

393.77

393.75

393.75

393 65

393.70

393.95

393.63

393.59

393.62

393.54

393.55

393.67

393.65

393.69

393.67

393.46

393 44

393.65

393.52

393.74

393.44

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS LIPPER MOAPA VALLEY

364650114432001. Local number, 219 S13 E65 28BDAC1

LOCATION .-- Lat 36°46'50", long 114°43'20", Hydrologic Unit 15010012, in Clark County

Owner: U.S. Geological Survey.

AQUIFER .-- Carbonate of Paleozoic age.

INSTRUMENTATION .-- Water-level recorder November 2000 to current year.

DATUM.-- Elevation of land-surface datum is 2,185.9 feet above NGVD of 1929, from topographic map. Measuring point is the top lip of the casing 1.3 feet above land-surface.

REMARKS .-- Missing days due to equipment malfunction.

PERIOD OF RECORD.-- February 1985 to October 2000, intermittent; November 2000 to current year, 4 times per hour.

393.38

393.45

393.35

393.37

393.35

393.35

393.39

393.38

393.42

393.53

393.26

393.46

393.48

393.55

393.47

393.45

393.51

393.53

393.40

393.43

393 51

393.49

393.45

393.65

393.40

EXTREMES FOR PERIOD OF RECORD.-- Highest water level recorded, 390.21 ft below land surface datum, December 30, 1985; lowest recorded, 394.44 ft below land surface datum, September 11, 2003.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAILY MEAN VALUES DAY OCT NOV DEC FEB MAR JUN JUL AUG SEP JAN APR MAY 393.82 393.88 393.69 393.65 393.26 393.41 393.17 393.43 393.56 393.83 394.16 394.21 393.89 393.62 393.62 393.40 393.47 393.25 393.53 393.84 394.14 394.26 393.91 393.35 393 95 393 83 393.68 393 57 393 53 393 32 393 38 393 34 393 56 393 85 394.12 394 22 393.93 393.82 393.73 393.56 393.40 393.28 393.30 393.41 393.56 393.84 394.13 394.26 393.91 393.52 393.44 393.42 393.36 394.13 394.26 5 393.91 393.69 393.40 393.64 393.83 393.94 393.85 393.62 393.60 393.49 393.40 393.41 393.35 393.62 393.80 394.15 394.23 393.87 393.74 393.63 393.56 393.46 393.36 393.51 393.37 393.59 394.17 394.17 _ _ _ 8 393.82 393.63 393.72 393.48 393.40 393.44 393.46 393.37 393.60 394.17 394.14 393.86 393.68 393.68 393.48 393.50 393.42 393.34 393.46 393.62 ---394.20 394.17 10 393.84 393.83 393.59 393.50 393.49 393.34 393.31 393.52 393.68 394.19 11 393.88 393.95 393.63 393.55 393.48 393.30 393.34 393.48 393.67 394.15 394.35 12 394.00 393.90 393.67 393.61 393.45 393.35 393.33 393.45 393.67 ---394.16 394.20 ---393.92 393.73 393.63 393.57 393.38 393.36 393.36 393.45 393.73 394.20 394.26 13 393.86 393.80 393.63 393.48 393.43 393.28 393.30 393.38 393.74 394.22 394.29 14 15 393.81 393.86 393.58 393.56 393.53 393.25 393.41 393.71 394.04 394.26 16 393.78 393.81 393.46 393.56 393.47 393.25 393.41 393.48 393.72 394.08 394.24 394.14 17 393.83 393.71 393.47 393.49 393.46 393.28 393.28 393.43 394.09 394.14 394.23 393.72 18 393.88 393.86 393.69 393.49 393.44 393.36 393.35 393.45 393.68 394.08 394.12 394.35 393.82 393.74 393.50 393.38 393.40 393.45 393.58 393.67 394.11 394.19

393.37

393.41

393.38

393.27

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393.45

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393.36

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393 53

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393.26

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393.39

393 36

393.32

393.35

393.35

393.36

393 37

393.41

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393.43

393.47

393.57

393.59

393 55

393 53

393.53

393.57

393.59

393.34

393.70

393.73

393.72

393.67

393.86

393.93

393.86

393.77

393.76

393 79

393.83

393.93

393.53

394.08

394.05

394.07

394.09

394.07

394.12

394.15

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394 28

394 26

394.31

- - -

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made in areas adjacent to the Nevada Test Site to aid in characterizing the local and regional ground-water flow systems. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration Program. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada hydrographic area and then by descending latitude/longitude. The measurement sites are shown in figures 30 and 37.

Site Identification--U.S. Geological Survey site designation.

Land Surface Elevation--Datum is sea level. Value may not represent current elevation.

Well Depth-Datum is land surface. Represents most recent available accessible depth.

Depth of Open Interval (feet below land surface datum) -- Top, depth to top of shallowest open interval; bottom, depth to bottom of deepest open interval.

Depth to Water-Datum is land surface. Levels above land surface-datum are listed as negative values. Values not representing static water level are noted in "Status" column.

Status--P, site was being pumped; no site status, the reported water-level measurement represents a static level.

Method--A, airline; S, steel tape; V, calibrated electric tape; Z, other.

Accuracy--0, water level accurate to the nearest foot; 1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest one-hundreth of a foot.

| USBLMTPJ-1 370840116510101 37°08'42" 116°51'01" -/-/52 3991. 107. | | | | | D. | Land
Surface | | | of Open
erval | Num | - W | ater-Leve | el Measurement | |
|--|---------------------|-----------------|-----------|-------------|------------------------|------------------------------|-----------------|----------|------------------|------------|------------|-----------|----------------|----------|
| Ralston Valley Well 375533116580601 37°55'33" 116°58'06" 5219. | Name | | Latitude | Longitude | Hole
Com-
pleted | (Feet
above Sea
Level) | Depth
(feet) | (feet) | | of
Open | - | Water | | Accuracy |
| Ralson Well 373320117090601 37°33′20″ 117°09′05″ 4756. 409 1204/2002 308.11 V 1 1 1 1 1 1 1 1 | | | | | RALSI | | EY (141) |) | | | | | | |
| Ralston Well 373320117090601 37°33°20" 117°09′05" 4756. 409 12/04/2002 308.11 V 1 07002/2003 308.04 V 1 1 07002/2003 308.04 V 1 1 07002/2003 308.04 V 1 1 1 1 1 1 1 1 1 | Ralston Valley Well | 375533116580601 | 37°55'33" | 116°58'06" | | 5219. | | | | | | | | |
| Ralston Well 373320117090601 37°33°20" 117°09'05" 4756. 409 1204/2002 308.11 V 1 07020203 308.04 V 1 1 1 07020203 308.04 V 1 1 1 07020203 308.04 V 1 1 1 1 1 1 1 1 1 | | | | | LID | A VALLEY | (144) | | | | 07/01/2003 | 232.13 | V | |
| STONE WALL FLAT (145) STONE WALL FLAT (145) STONE WALL FLAT (145) STONE WALL FLAT (145) Wall Plane Wall 373228116472001 37°32'28" 116°47'20" S540 123 S7506'2002 118.67 Wall Plane SARCOBATUS FLAT (146) Wall Plane Wall | Doloton Well | 272220117000601 | 27922200 | 117000'05" | | | | | | | 12/04/2002 | 200 11 | V | 1 |
| Hammel Mine Well 373228116472001 37°32′28″ 116°47′20″ 5540. 123. 12/03/2002 118.67 V 2 2 06′50/2003 118.57 V 2 2 2 2 2 2 2 2 2 | Raision well | 3/332011/090601 | 37-33-20 | 117-09 05 | | 4/30. | 409 | | | | | | | |
| Hammel Mine Well 373228116472001 37°32′28″ 116°47′20″ 5540. 123. 1203/2002 118.67 V 2 2 2 2 2 2 2 2 2 | | | | | STONE | E WALL FL | AT (145 |) | | | 0110212003 | 500.01 | <u> </u> | - |
| SARCOBATUS FLAT (146) SARCOBATUS FLAT (146) SARCOBATUS FLAT (146) SARCOBATUS FLAT (146) SARCOBATUS FLAT (146) SARCOBATUS F | Hammel Mine Well | 373228116472001 | 37°32'28" | 116°47'20" | | | | , | | | 12/03/2002 | 118 67 | V | 2 |
| BLM Springdale 370648116473001 37°06′49″ 116°47′32″ 4035. 117. | Transmer Wine Wen | 373220110472001 | 37 32 20 | 110 47 20 | | 3340. | 125. | | | | | | | |
| NDOT TPI-2 370753116502701 37°07°53" 116°50′27" 4005. | | | | | SARCO | BATUS FL | AT (146 | <u>)</u> | | | | | | |
| NDOT TPI-2 370753116502701 37°07°53" 116°50′27" 4005. | BLM Springdale | 370648116473001 | 37°06'49" | 116°47'32" | | 4035. | 117. | | | | 11/07/2002 | 93.55 | S | 2 |
| NDOT TPJ-2 370753116502701 37°07'53" 116°50'27" 4005. | | | | | | | | | | | | | | |
| NDOT TPJ-2 370753116502701 37°07′53" 116°50′27" 4005. | | | | | | | | | | | 05/19/2003 | 93.54 | S | 2 |
| USBLM TPJ-1 370840116510101 37°08'42" 116°51'01" -/-/52 3991. 107. | | | | | | | | | | | 09/03/2003 | 93.54 | S | 2 |
| USBLM TPJ-1 370840116510101 37°08'42" 116°51'01" -/-/52 3991. 107. | NDOT TPJ-2 | 370753116502701 | 37°07'53" | 116°50'27" | | 4005. | | | | | 11/07/2002 | 57.56 | V | 2 |
| USBLM TPJ-1 370840116510101 37°08'42" 116°51'01" -/-/52 3991. 107. | | | | | | | | | | | 05/19/2003 | 57.53 | V | 2 |
| BC-1 371309117074901 37°13′09" 117°07′49" 04/04/02 4002. 410. 338.5 410. 1 11/07/2002 48.67 V 2 BC-1 371309117074901 37°13′09" 117°07′49" 04/04/02 4002. 410. 338.5 410. 1 11/07/2002 48.67 V 2 03/17/2003 48.70 V 2 05/19/2003 48.67 V 2 05/19/2003 48.62 V 2 05/19/2003 47.51 V 2 05/19/2003 47.51 V 2 05/19/2003 47.13 V 2 05/19/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.55 V 2 05/19/2003 54.42 V 2 05/19/2003 54.39 V 2 | | | | | | | | | | | 09/03/2003 | | V | |
| BC-1 371309117074901 37°13′09" 117°07′49" 04/04/02 4002. 410. 338.5 410. 1 11/07/2002 48.67 V 2 03/17/2003 48.70 V 2 05/19/2003 48.67 V 2 05/19/2003 47.51 V 2 05/19/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.55 V | USBLM TPJ-1 | 370840116510101 | 37°08'42" | 116°51'01" | //52 | 3991. | 107. | | | | | | | |
| BC- 1 371309117074901 37°13′09" 117°07′49" 04/04/02 4002. 410. 338.5 410. 1 11/07/2002 48.67 V 2 03/17/2003 48.70 V 2 05/19/2003 48.67 V 2 05/19/2003 48.67 V 2 05/19/2003 48.62 V 2 05/19/2003 47.51 V 2 05/19/2003 47.55 V 2 05/19/2003 54.55 V 2 05/19/2003 54.42 V 2 05/19/2003 54.35 V 2 05/19/2003 54.55 | | | | | | | | | | | | | | |
| BC-2 371309117074902 37°13'09" 117°07'49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 48.62 V 2 BC-2 371309117074902 37°13'09" 117°07'49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 47.51 V 2 SF-1 371615117053601 37°16'15" 117°05'36" 04/19/02 4021. 879. 839. 879. 1 11/07/2002 54.55 V 2 03/17/2003 54.56 V 2 03/17/2003 54.56 V 2 03/17/2003 54.55 V 2 05/19/2003 54.52 V 2 05/19/2003 54.38 V 2 05/19/2003 54.42 V 2 05/19/2003 54.38 V 2 05/19/2003 54.38 V 2 05/19/2003 54.39 V 2 TTR Sulfide Mine 373446116433301 37°34'46" 116°43'33" 6130. 12/03/2002 53.52 V 2 TTR Sulfide Mine 373446116433301 37°34'46" 116°43'33" 6130. | | | | | | | | | | | | | | |
| BC-2 371309117074902 37°13′09" 117°07′49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 48.62 V 2 BC-2 371309117074902 37°13′09" 117°07′49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 47.51 V 2 09/03/2003 47.13 V 2 SF-1 371615117053601 37°16′15" 117°05′36" 04/19/02 4021. 879. 839. 879. 1 11/07/2002 54.55 V 2 03/17/2003 54.56 V 2 03/17/2003 54.56 V 2 05/19/2003 54.55 V 2 SF-2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 1 11/07/2002 54.42 V 2 03/17/2003 54.38 V 2 05/19/2003 54.39 V 2 GOLD FLAT (147) Gold Flat 2a 372543116363502 37°25′43" 116°36′35" 5230. 12/03/2002 233.52 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 | BC-1 | 371309117074901 | 37°13'09" | 117°07'49" | 04/04/02 | 2 4002. | 410. | 338.5 | 410. | 1 | | | • | |
| BC-2 371309117074902 37°13′09" 117°07′49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 47.51 V 2 SF-1 371615117053601 37°16′15" 117°05′36" 04/19/02 4021. 879. 839. 879. 1 11/07/2002 54.55 V 2 SF-2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 1 11/07/2002 54.42 V 2 09/03/2003 54.39 V 2 GOLD FLAT (147) Gold Flat 2a 372543116363502 37°25′43" 116°36′35" 5230. 12/03/2002 233.52 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 | | | | | | | | | | | | | | |
| BC-2 371309117074902 37°13′09" 117°07′49" 02/27/03 4001. 103. 63. 103. 1 05/19/2003 47.51 V 2 | | | | | | | | | | | | | | |
| SF-1 371615117053601 37°16′15" 117°05′36" 04/19/02 4021. 879. 839. 879. 1 11/07/2002 54.55 V 2 03/17/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.55 V 2 05/19/2003 54.55 V 2 05/19/2003 54.55 V 2 09/03/2003 54.35 V 2 09/03/2003 54.38 V 2 09/03/2003 54.39 V 2 09/03/2003 54.50 V | DC A | 251200115054002 | 25012100 | 11700714011 | 02 127 101 | 1001 | 100 | (2) | 102 | | | | • | |
| SF-1 371615117053601 37°16′15" 117°05′36" 04/19/02 4021. 879. 839. 879. 1 11/07/2002 54.55 V 2 03/17/2003 54.56 V 2 05/19/2003 54.56 V 2 05/19/2003 54.55 V 2 05/19/2003 54.55 V 2 09/03/2003 54.35 V 2 09/03/2003 54.38 V 2 09/03/2003 54.39 V 2 09/03/2003 54.50 V | BC- 2 | 3/130911/0/4902 | 3/*13.09* | 11/0/49 | 02/2//0. | 3 4001. | 103. | 63. | 103. | 1 | | | | |
| SF- 2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 1 11/07/2002 54.42 V 2 09/03/2003 54.38 V 2 09/03/2003 54.39 V 2 O9/03/2003 54.30 V | CE 1 | 271615117052601 | 27016:15" | 117005'26" | 04/10/0 | 2 4021 | 970 | 920 | 970 | 1 | | | | |
| SF- 2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 456. 496. 1 11/07/2002 54.42 V 2 03/17/2003 54.38 V 2 05/19/2003 54.39 V 2 09/03/2003 54.39 V 2 09/03/2003 54.39 V 2 09/03/2003 54.39 V 2 05/19/2003 54.39 V 2 09/03/2003 54.39 V 2 05/19/2003 54.30 V 2 05/19/2003 54.30 V 2 05/19/20 | SΓ- 1 | 3/101311/033001 | 3/ 10 13 | 117 03 30 | 04/19/02 | 2 4021. | 879. | 639. | 6/9. | 1 | | | • | |
| SF- 2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 1 11/07/2002 54.42 V 2 03/17/2003 54.38 V 2 05/19/2003 54.39 V 2 09/03/2003 54.39 V | | | | | | | | | | | | | | |
| SF- 2 371615117053602 37°16′15" 117°05′36" 04/22/02 4021. 496. 456. 496. 1 11/07/2002 54.42 V 2 03/17/2003 54.38 V 2 05/19/2003 54.39 V 2 09/03/2003 54.39 V | | | | | | | | | | | | | | |
| 03/17/2003 54.38 V 2 05/19/2003 54.32 V 2 09/03/2003 54.39 V 2 2 09/03/2003 54.39 V 2 2 2 2 2 2 2 2 2 | SE- 2 | 371615117053602 | 37°16'15" | 117°05'36" | 04/22/0 | 2 4021 | 496 | 456 | 496 | 1 | | | | |
| GOLD FLAT (147) Gold Flat 2a 372543116363502 37°25′43" 116°36′35" 5230. 12/03/2002 233.52 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 | 51 2 | 371013117033002 | 37 10 13 | 117 05 50 | 0 1/22/02 | 1021. | 170. | 150. | 170. | • | | | • | |
| GOLD FLAT (147) Gold Flat 2a 372543116363502 37°25′43" 116°36′35" 5230. 12/03/2002 233.52 V 2 06/30/2003 233.54 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 | | | | | | | | | | | | | | |
| Gold Flat 2a 372543116363502 37°25′43" 116°36′35" 5230. 12/03/2002 233.52 V 2 TTR Sulfide Mine 373446116433301 37°34′46" 116°43′33" 6130. 12/03/2002 51.67 V 2 | | | | | | | | | | | | 54.39 | V | 2 |
| TTR Sulfide Mine 373446116433301 37°34'46" 116°43'33" 6130. 06/30/2002 51.67 V 2 | | | | | GC | LD FLAT (| [147] | | | | | | | |
| TTR Sulfide Mine 373446116433301 37°34'46" 116°43'33" 6130. 12/03/2002 51.67 V 2 | Gold Flat 2a | 372543116363502 | 37°25'43" | 116°36'35" | | 5230. | | | | | 12/03/2002 | 233.52 | V | 2 |
| | | | | | | | | | | | 06/30/2003 | 233.54 | V | 2 |
| 06/30/2003 51.83 V 2 | TTR Sulfide Mine | 373446116433301 | 37°34'46" | 116°43'33" | | 6130. | | | | | 12/03/2002 | 51.67 | V | 2 |
| | | | | | | | | | | | 06/30/2003 | 51.83 | V | 2 |

| | INL VA | DATEST | SITE AND A | DJACLI | Land
Surface | VIOIVI | Depth | of Oper
erval | | | ater-Leve | el Mea | surement | |
|----------------------------|---|------------|-------------|--------------|-----------------|---------------|--------------|------------------|------------|--------------------------|-------------------|--------|-----------|----------|
| | | | | Date | Elevation | Wall | | ici vai | - ber | | | | Surcinent | |
| | Site | | | Hole
Com- | (Feet above Sea | Well
Depth | Тор | Botton | of
Oper | | Depth to
Water | | | |
| Name | Identification | Latitude | Longitude | pleted | Level) | (feet) | (feet) | (feet) | -ings | s Date | (feet) | Statu | s Method | Accuracy |
| | | | | CAC | TUS FLAT | (148) | | | | | | | | |
| TTR Antelope Mine 1 | 373622116434601 | 37°36'20" | 116°43'45" | | 6350. | | | | | 12/03/2002 | 18.06 | | V | 2 |
| | | | | | | | | | | 06/30/2003 | 18.81 | | V | 2 |
| TTR Antelope Mine 2 | 373622116434701 | 37°36'22" | 116°43'46" | | 6356. | | | | | 12/03/2002 | 22.16 | | V | 2 |
| TTTD 4 . 1 . 3.5° . 2 | 252/2211/12/501 | 2702 (1221 | 1160403450 | | (2/2 | | | | | 06/30/2003 | 23.02 | | V | 2 |
| TTR Antelope Mine 3 | 3/3623116434/01 | 37°36°22" | 116°43'4/" | | 6362. | | | | | 12/03/2002
06/30/2003 | 29.44
30.31 | | V
V | 2 2 |
| TTR EH-4 | 374619116435401 | 37°46'16" | 116°43'59" | 11/03/83 | 5458. | 490. | 150. | 490. | 1 | 12/04/2002 | | | V | 1 |
| | 57 1015110 100 101 | 27 10 10 | 110 10 07 | 11,00,00 | 2 .00. | ., | 100. | ., 0. | • | 06/30/2003 | | | V | 1 |
| TTR EH-2 WW | 374658116464102 | 37°46'58" | 116°46'41" | | 5595. | 580. | | | | 06/30/2003 | 464.20 | | V | 1 |
| TTR Sandia 2 | 374725116452701 | 37°47'25" | 116°45'27" | 09//1956 | 5477.6 | 525. | 325. | 485. | 1 | 12/03/2002 | | | V | 1 |
| | | | | | | | | | | 07/01/2003 | | | V | 1 |
| TTR Sandia 4 | 374739116453401 | 37°47'39" | 116°45'34" | 07/02/59 | 5468.2 | 580. | 351. | 466. | 1 | 12/03/2002 | | | V | 1 |
| TTR Sandia 5 | 374959116431301 | 37°/0'50" | 116%3'13" | | 5333.9 | 300. | | | | 07/01/2003
07/01/2003 | | | V
V | 1 2 |
| TTK Sandia 5 | 374737110431301 | 31 47 37 | | | ABIN VAL | | 19) | | | 07/01/2003 | 130.00 | | • | |
| TTD 2 A M/M/ | 375045116460201 | 27050'46" | | | | | | 805. | 1 | 12/02/2002 | 100 07 | | V | 2 |
| TTR 3A WW | 5750 4 5110 4 00201 | 37 30 40 | 110 40 03 | U2/1U4/6U | 5362. | 805. | <i>331</i> . | oU3. | 1 | 12/03/2002
07/01/2003 | | P | V | 2 2 |
| TTR 3B WW | 375054116460201 | 37°50'54" | 116°46'02" | 01/11/85 | 5360. | 300. | 145. | 284. | 1 | 12/03/2002 | | • | A | 0 |
| | | | | | | | | | | 07/01/2003 | | | A | 0 |
| TTR 3BB | 375055116460201 | 37°50'55" | 116°46'02" | | 5358. | | | | | 12/03/2002 | 110.01 | | V | 2 |
| | | | | | | | | | | 07/01/2003 | | | V | 2 |
| TTR EH-6 | 375139116460001 | 37°51'40" | 116°45'59" | 11/17/83 | 5355. | 535. | 0. | 310. | 1 | 12/03/2002 | 98.33 | | V | 2 |
| TTD EIL 7 WW | 275210116472202 | 270522111 | 11/047/25!! | 00/01/00 | 5242 | ((0 | 204 | (50 | 1 | 07/01/2003 | 98.32 | | V | 2 |
| TTR EH-7 WW | 375310116472302 | 3/°53′11″ | 116°47'25" | 09/01/89 | 5343. | 660. | 304. | 650. | 1 | 12/03/2002
07/01/2003 | | | A
A | 0 |
| TTR Reeds
Ranch Well | 375453116450501 | 37°54'54" | 116°45'06" | | 5384. | 127. | | | | 07/01/2003 | | | V | 2 |
| | | | I | HOT CRI | EEK VALL | EY (156 | <u>()</u> | | | | | | | |
| HTH- 1 | 383734116124501 | 38°37'35" | 116°12'45" | 07/23/67 | 6010.8 | 3695. | 150 | 3665. | 16 | 12/04/2002 | 536.20 | | V | 1 |
| 11111-1 | 363734110124301 | 36 37 33 | 110 12 43 | 01123101 | 0010.0 | 3073. | 150. | 3003. | 10 | 07/01/2003 | | | V | 1 |
| UC- 1-P-2SR | 383806116125951 | 38°38'06" | 116°12'54" | 04/06/68 | 6084. | 2734. | 1148. | 2790. | 2 | 12/04/2002 | | | V | 1 |
| | | | | | | | | | | 07/01/2003 | 556.46 | | V | 1 |
| | | | INI | DIAN SP | RINGS VA | LLEY (| 161) | | | | | | | |
| Army 3 | 363238115464601 | 36°32'38" | 115°46'46" | 11/20/58 | 3617. | 826. | 310. | 826 | 2 | 11/04/2002 | 285.39 | | V | 2 |
| | | | | | | | | | | 05/27/2003 | 285.33 | | V | 2 |
| Army 2 | 363255115515801 | 36°32'55" | 115°51'58" | 09/03/58 | 3799. | 627. | 92. | 658. | 1 | 11/04/2002 | ., | | V | 1 |
| Cactus Springs 3 | 262422115422701 | 26024'22" | 1150/2'27" | | 3265. | 100. | 92 | 100. | 1 | 05/27/2003
11/04/2002 | 496.53 | | V
V | 1 2 |
| Cactus Springs 3 | 363422115433701 | 30 34 22 | 113 43 37 | | 3203. | 100. | 65. | 100. | 1 | 08/14/2003 | 33.94 | | V | 2 |
| USAF Well 106-2 | 363447115404601 | 36°34'47" | 115°40'50" | 06/16/83 | 3085. | 604. | 133. | 418. | 1 | 11/06/2002 | 62.63 | | V | 2 |
| | | | | | | | | | | 06/18/2003 | 61.18 | | V | 2 |
| USAF Well 3 | 363452115405101 | 36°34'49" | 115°40'53" | 01/11/85 | 3130. | 600. | 210. | 600. | 4 | 11/06/2002 | 65.57 | | V | 2 |
| | | | | | | | | | | 06/18/2003 | 64.17 | | V | 2 |
| USAF MW-22 | 363508115391701 | 36°35'08" | 115°39'17" | 04/06/88 | 3100.4 | 65. | 35. | 65. | 1 | 11/06/2002 | 40.14 | | V | 2 |
| USAF MW-21 | 363529115391301 | 26025'20" | 115020'12" | 04/07/00 | 3094.5 | 75. | 45. | 75. | 1 | 06/18/2003
11/06/2002 | 39.37
42.69 | | V
V | 2
2 |
| USAF WW-21 | 303329113391301 | 30 33 29 | 113 39 13 | 04/07/66 | 3094.3 | 73. | 43. | 13. | 1 | 06/18/2003 | 42.54 | | V | 2 |
| USAF MW-20 | 363529115392101 | 36°35'29" | 115°39'21" | 04/07/88 | 3092.8 | 65. | 35. | 65. | 1 | 11/06/2002 | 40.94 | | V | 2 |
| | | | | | | | | | | 06/18/2003 | 40.62 | | V | 2 |
| | | | | PAHRU. | MP VALLI | EY (162) | | | | | | | | |
| BLM Stewart Valley
Well | 361515116100901 | 36°15'15" | 116°10'09" | 10/27/97 | 2469. | 69. | | | | 09/11/2003 | 36.12 | | S | 2 |
| | | | TIKAPOO | VALLE | Y-SOUTH | IERN PA | ART (16 | 69B) | | | | | | |
| USGS DDL-2 | 365502115134101 | 36°55'02" | 115°13'41" | 01/21/89 | 3300. | 460. | 13. | 460. | 1 | 10/25/2002 | 212.49 | _ | V | 2 |
| | | | | | | | | | | 11/06/2002 | | | V | 2 |
| | | | | | | | | | | 05/29/2003 | 212.50 | | V | 2 |

| | NEVA | DATEST | SITE AND A | DJACEI | Land | MONT | | of Oper | | Continued | | | |
|---------------------|---------------------------------------|------------|----------------|--------------|--------------------|----------|--------|---------------|-----------|--|----------------------------------|---------------|-------------|
| | | | | ъ. | Surface | | | terval | Nun | 1 W | /ater-Leve | el Measuremen | t |
| | | | | Date
Hole | Elevation
(Feet | Well | | | ber
of | | Depth to | 1 | |
| | Site | | | Com- | above Sea | | Top | Botton | | 1 | Water | | |
| Name | Identification | | Longitude | | Level) | (feet) | (feet) | | -ings | Date | (feet) | Status Method | Accuracy |
| | | ' | THREE LA | KES VAI | LEY-SOU | THERN | I PART | $\Gamma(211)$ | | | | | |
| USAF Well 2278-1 | 363205115335601 | 36°32'06" | 115°33'57" | 01/01/73 | 3200. | 353. | 240. | 353. | 3 | 11/06/2002 | 115.86 | V | 2 |
| | | | | | | | | | | 03/12/2003 | 115.81 | V | 2 |
| | | | | | | | | | | 06/18/2003 | 115.70 | V | 2 |
| | | | | LAS VE | GAS VALL | EY (212 | 2) | | | | | | |
| USAF Well 2372-1 | 362830115270501 | 36°28'30" | 115°26'57" | | 3180. | 300. | | | | 11/06/2002 | 211.84 | V | 2 |
| | | | | | | | | | | 04/17/2003 | | S | 2 |
| | | | | | | | | | | 06/18/2003 | | V | 2 |
| | | | | | | | | | | 08/21/2003 | 211.97 | S | 2 |
| USFWS SBH-1 | 363212115240301 | 36°32'12" | 115°24'03" | 02/24/87 | 3475. | 720. | 665. | 695. | 1 | 11/06/2002 | 578.38 | V | 1 |
| | | | | | | | | | | 03/11/2003 | 578.13 | V | 1 |
| | | | | | | | | | | 05/29/2003 | 578.14 | V | 1 |
| | | | | | | | | | | 09/11/2003 | 578.06 | V | 1 |
| USFWS DR-1 | 363332115244001 | 36°33'28" | 115°24'38" | 01/05/89 | 3579. | 930. | 870. | 930. | 1 | 11/06/2002 | 815.26 | V | 1 |
| | | | | | | | | | | 05/29/2003 | 815.28 | V | 1 |
| USGS - Cow Camp | 363407115215301 | 36°34'07" | 115°21'53" | | 4175. | 1403. | | | | 11/06/2002 | 1333.49 | V | 1 |
| | | | | | | | | | | 03/11/2003 | | | 1 |
| | | | | | | | | | | 05/29/2003 | | | 1 |
| | | | | | | | | | | 09/11/2003 | 1333.28 | V | 1 |
| | | | | MERCU | RY VALLE | EY (225) |) | | | | | | |
| Army 6A | 363437116010801 | 36°34'37" | 116°01'08" | //55 | 3445. | 1253. | 1157. | 1228. | 1 | 11/04/2002 | 1033.27 | V | 1 |
| | | | | | | | | | | 05/27/2003 | 1033.31 | V | 1 |
| | | | | OASI | S VALLEY | (228) | | | | | | | |
| Beatty Wash | 365640116431501 | 36°56'40" | 116°43'15" | 10/13/84 | 3460. | 39. | 55. | 75. | 1 | 11/18/2002 | 21.18 | V | 2 |
| Terrace Well | 3030 10110 131301 | 30 30 10 | 110 15 15 | 10/15/01 | 5 100. | 37. | 55. | 75. | • | 03/17/2003 | 18.88 | V | 2 |
| | | | | | | | | | | 05/19/2003 | | V | 2 |
| | | | | | | | | | | 09/04/2003 | | V | 2 |
| ER-OV-04a | 365705116424201 | 36°57'05" | 116°42'42" | 10/01/97 | 3491.4 | 151. | 111. | 131. | 1 | 11/18/2002 | | V | 2 |
| | | | | | | | | | | 03/17/2003 | 23.43 | V | 2 |
| | | | | | | | | | | 05/21/2003 | 23.63 | V | 2 |
| | | | | | | | | | | 09/03/2003 | 24.48 | V | 2 |
| ER-EC-7 | 365910116284401 | 36°59'06" | 116°28'40" | 08/06/99 | 4805. | 1304. | 890. | 1386. | 4 | 11/18/2002 | 747.55 | V | 1 |
| | | | | | | | | | | 03/19/2003 | 747.50 | V | 1 |
| | | | | | | | | | | 05/22/2003 | 747.41 | V | 1 |
| | | | | | | | | | | 09/04/2003 | 747.43 | V | 1 |
| ER-OV-03c | 365948116360401 | 36°59'48" | 116°36'04" | 09/18/97 | 4191.5 | 542. | 512. | 532. | 1 | 11/18/2002 | | V | 2 |
| | | | | | | | | | | 03/19/2003 | | V | 2 |
| | | | | | | | | | | 05/22/2003 | | V | 2 |
| ED OLLO2 2 | 265040116260402 | 2605014011 | 11 (02 (10 4)) | 00/07/07 | 4101.0 | 221 | 202 | 212 | | 09/03/2003 | | | 2 |
| ER-OV-03c2 | 365948116360402 | 36°39'48" | 116°36'04" | 09/26/97 | 4191.9 | 321. | 292. | 312. | 1 | 11/18/2002 | | | 2 |
| | | | | | | | | | | 03/19/2003 | | | 2 |
| | | | | | | | | | | 05/22/2003
09/03/2003 | | V
V | 2
2 |
| ER-OV-03a | 365956116421601 | 36°50'56" | 1160/2'16" | 08/22/07 | 3844.4 | 251. | 220 | 240. | 1 | 11/21/2002 | | | 2 |
| LK-OV-03a | 303/30110421001 | 30 37 30 | 110 42 10 | 00/22/7/ | 3077.7 | 231. | 220. | 240. | 1 | 03/19/2003 | | | 2 |
| | | | | | | | | | | 05/21/2003 | | | 2 |
| | | | | | | | | | | 09/03/2003 | | V | 2 |
| ER-OV-03a2 | 365956116421602 | 36°59'56" | 116°42'16" | 09/12/97 | 3843.8 | 642. | 602. | 622. | 1 | 11/21/2002 | | | 2 |
| | , , , , , , , , , , , , , , , , , , , | | | ' | | | • | | | 03/19/2003 | | V | 2 |
| | | | | | | | | | | 05/21/2003 | | | 2 |
| | | | | | | | | | | 09/03/2003 | | | 2 |
| ER-OV-03a3 | 365956116421603 | 36°59'56" | 116°42'16" | 09/12/97 | 3843.8 | 133. | 113. | 133. | 1 | 11/21/2002 | 57.45 | V | 2 |
| | | | | | | | | | | 03/19/2003 | 57.30 | V | 2 |
| | | | | | | | | | | 05/21/2003 | 57.16 | V | 2 |
| | | | | | | | | | | 03/21/2003 | 37.10 | • | _ |
| | | | | | | | | | | 09/03/2003 | | V | 2 |
| Springdale Upper We | ell 370131116440801 | 37°01'31" | 116°44'08" | | 3775. | 91. | | | | 09/03/2003
11/18/2002 | 57.27
24.54 | V
V | 2
2 |
| Springdale Upper We | ell 370131116440801 | 37°01'31" | 116°44'08" | | 3775. | 91. | | | | 09/03/2003
11/18/2002
03/18/2003 | 57.27
24.54
23.91 | V
V
V | 2
2
2 |
| Springdale Upper We | il 370131116440801 | 37°01'31" | 116°44'08" | | 3775. | 91. | | | | 09/03/2003
11/18/2002 | 57.27
24.54
23.91
23.87 | V
V
V | 2
2 |

| | | | | | Land
Surface | | | of Oper
terval | n
Num | ı W | ater-Lev | el Measuremen | t |
|-----------------|-----------------|-----------|------------|----------------------|---------------------------------|----------------|--------|-------------------|----------|--------------------------|-------------------|---------------|----------|
| | Site | T 20 1 | · | Date
Hole
Com- | Elevation
(Feet
above Sea | | | Botton | | | Depth to
Water | | |
| Name | Identification | Latitude | Longitude | | Level)
LEY (228) | (feet) | (feet) | (feet) | -ıngs | Date | (feet) | Status Method | Accuracy |
| | | | | | ` ` | | | | | | | | |
| ER-OV-03b | 370139116390501 | 3/01/39" | 116°39′05′ | ' 08/29/9'/ | 4232.7 | 395. | 353. | 373. | 1 | 11/19/2002 | | V | 1 |
| | | | | | | | | | | 03/18/2003 | | | 1 |
| | | | | | | | | | | 05/21/2003 | | | 1 |
| | | | | | | | | | | 09/03/2003 | | | 1 |
| ER-OV-02 | 370210116421501 | 37°02'10" | 116°42'15' | ' 08/20/97 | 3880.3 | 200. | 170. | 190. | 1 | 11/18/2002 | | | 2 |
| | | | | | | | | | | 03/19/2003 | 28.34 | | 2 |
| | | | | | | | | | | 05/21/2003 | 28.27 | V | 2 |
| | | | | | | | | | | 09/03/2003 | 28.62 | | 2 |
| ER-OV-05 | 370246116461901 | 37°02'46" | 116°46'19' | ' 08/02/97 | 3937.8 | 200. | 170. | 190. | 1 | 11/18/2002 | | | 2 |
| | | | | | | | | | | 03/17/2003 | 31.97 | V | 2 |
| | | | | | | | | | | 05/19/2003 | 31.96 | V | 2 |
| | | | | | | | | | | 09/03/2003 | 32.06 | | 2 |
| ER-OV-01 | 370504116404901 | 37°05'04" | 116°40'49' | ' 08/04/97 | 4072.8 | 180. | 150. | 170. | 1 | 11/20/2002 | 18.23 | | 2 |
| | | | | | | | | | | 03/18/2003 | 18.10 | V | 2 |
| | | | | | | | | | | 05/20/2003 | 18.14 | V | 2 |
| | | | | | | | | | | 09/04/2003 | 18.15 | V | 2 |
| ER-OV-06a | 370504116404902 | 37°05'04" | 116°40'49' | ' 08/09/97 | 4073.0 | 536. | 506. | 526. | 1 | 11/20/2002 | 15.22 | V | 2 |
| | | | | | | | | | | 03/18/2003 | 15.12 | V | 2 |
| | | | | | | | | | | 05/20/2003 | 15.14 | V | 2 |
| | | | | | | | | | | 09/04/2003 | 15.09 | V | 2 |
| ER-OV-06a2 | 370504116404903 | 37°05'04" | 116°40'49' | ' 08/11/97 | 4072.6 | 65. | 56. | 65. | 1 | 11/20/2002 | 18.71 | V | 2 |
| | | | | | | | | | | 03/18/2003 | 18.62 | V | 2 |
| | | | | | | | | | | 05/20/2003 | 18.63 | V | 2 |
| | | | | | | | | | | 09/04/2003 | 18.65 | V | 2 |
| ER-EC-5 | 370504116335201 | 37°05'04" | 116°33'52' | ' 07/11/99 | 5077. | 2447. | 1169. | 2500. | 6 | 11/19/2002 | 1016.81 | V | 1 |
| | | | | | | | | | | 03/18/2003 | 1016.56 | V | 1 |
| | | | | | | | | | | 05/22/2003 | 1016.65 | V | 1 |
| | | | | | | | | | | 09/04/2003 | 1016.62 | V | 1 |
| ER-EC-8 | 370610116375301 | 37°06'10" | 116°37'53' | ' 07/26/99 | 4333. | 1948. | 632. | 2000. | 6 | 11/20/2002 | | | 1 |
| | | | | | | | | | | 03/18/2003 | | | 1 |
| | | | | | | | | | | 05/20/2003 | | | 1 |
| | | | | | | | | | | 09/08/2003 | | | 1 |
| ER-EC-2A | 370852116340502 | 37°08'42" | 116°34'03' | ' 08/11/00 | 4902. | 2450. | 1635 | 2236. | 2 | 11/20/2002 | | | 1 |
| (1635-2236 ft) | 270002110010002 | 27 00 IZ | 110 0 . 00 | 00/11/00 | .,02. | 2.00. | 1000. | | _ | 03/18/2003 | | | 1 |
| (1000 220010) | | | | | | | | | | 05/20/2003 | | | 1 |
| | | | | | | | | | | 09/08/2003 | | | 1 |
| ER-EC-4 | 370935116375302 | 37°09'32" | 116°37'52' | ' 08/25/00 | 4759 6 | 2365 | 952 | 2295. | 4 | 11/07/2002 | | V | 1 |
| (952-2295 ft) | 270,00110070002 | 0. 0, 02 | 110 07 02 | 00/20/00 | .,,,,,, | 2000. | ,,,, | | | 03/17/2003 | | V | 1 |
| (>02 22>0 10) | | | | | | | | | | 05/20/2003 | | | 1 |
| | | | | | | | | | | 09/11/2003 | | | 1 |
| ER-EC-6 | 371120116294802 | 37°11'20" | 116°20'48' | ' 03 <i>/22/</i> 00 | 5604 | 4302 | 1581 | 3820 | 6 | 12/05/2002 | | | 1 |
| (1581-3820 ft) | 371120110274002 | 37 11 20 | 110 27 40 | 03/22/00 | 3004. | 4302. | 1301. | 3020. | Ü | 03/24/2003 | | V | 1 |
| (1301 302011) | | | | | | | | | | 06/03/2003 | | | 1 |
| | | | | | | | | | | 09/16/2003 | | | 1 |
| ER-EC-1 | 371223116314701 | 37012'23" | 116031'47' | ' 04 <i>/2</i> 0/00 | 6026 | 4791. | 2258 | 4701 | 6 | 02/04/2003 | | | 1 |
| LK-LC-1 | 3/1223110314/01 | 31 12 23 | 110 31 47 | 04/20/99 | 0020. | 4/71. | 2236. | 4/51. | U | 03/24/2003 | | | 1 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | 07/09/2003
09/16/2003 | | | 1
1 |
| DM 2.1 | 271421116222702 | 270142211 | 11/022227 | 1 02/05/02 | 5022.0 | 2145 | 1070 | 2102 | 2 | | | | |
| PM- 3-1 | 371421116333703 | 31 14 21" | 110 33 3/ | 02/05/92 | 3022.8 | Z14 3 . | 10/2. | Z1 9 Z. | 2 | 02/04/2003 | | | 1 |
| (1919 - 2144 ft | | | | | | | | | | 06/03/2003 | | V | 1 |
| DM 2.2 | 271421117222721 | 27014221" | 11(022)25 | 100/10/00 | E000 0 | 1667 | 1050 | 1/07 | _ | 09/22/2003 | | | 1 |
| PM- 3-2 | 371421116333704 | 5/~14′21" | 110~33′3/ | 02/10/92 | 5822.8 | 100%. | 15/9. | 1687. | 3 | 02/04/2003 | | | 1 |
| (1442 - 1667 ft | | | | | | | | | | 06/03/2003 | | | 1 |
| | | | | | | | | | | 09/22/2003 | 1455.57 | V | 1 |

| | | | BILANDE | | Land
Surface | | Depth o | of Open | Nun | | Water-Leve | el Measuremen | t |
|-----------------------|------------------------|------------------|------------|----------|---|----------|--------------|------------------|-----|--------------------------|-----------------------------|---------------|------------|
| Name | Site
Identification | Latitude | Longitude | | Elevation
(Feet
above Sea
Level) | (feet) | (feet) | Bottom
(feet) | | | Depth to
Water
(feet) | Status Method | l Accuracy |
| | | | | AMARG | OSA DESE | ERT (230 |)) | | | | | | |
| Spring Meadows9 | 362425116181001 | 36°24'34" | 116°18'11" | 09/26/69 | 2248. | 280. | 82. | 280. | 1 | 11/13/2002 | 2 20.25 | S | 2 |
| | | | | | | | | | | 05/28/2003 | 3 19.33 | S | 2 |
| Spring Meadows 11 | 362521116160801 | 36°25'21" | 116°16'08" | 01/01/68 | 2442. | 215. | | | | 11/13/2002 | 2 93.60 | V | 2 |
| | | | | | | | | | | 05/28/2003 | 93.55 | V | 2 |
| Amargosa Flat | 362936116153001 | 36°29'36" | 116°15'30" | 02/13/95 | 2322. | 14.5 | 9.1 | 14.1 | 1 | 11/12/2002 | 5.10 | V | 2 |
| Playa Well | | | | | | | | | | 03/13/2003 | 3 4.12 | V | 2 |
| | | | | | | | | | | 05/28/2003 | 3 4.29 | V | 2 |
| | | | | | | | | | | 09/08/2003 | | V | 2 |
| MSH-C Deep Well | 363008116161201 | 36°30'08" | 116°16'12" | 11/23/94 | 2330. | 1669. | 1519.1 | 1636.38 | 1 | 11/12/2002 | | S | 2 |
| | | | | | | | | | | 03/13/2003 | | S | 2 |
| | | | | | | | | | | 05/28/2003 | | S | 2 |
| | | | | | | | | | | 09/08/2003 | | S | 2 |
| MSH-C Shallow Well | 363008116161202 | 36°30'08" | 116°16'12" | 11/23/94 | 2330. | 347. | 281. | 314. | 1 | 11/12/2002 | | Z | 2 |
| | | | | | | | | | | 03/13/2003 | | Z | 2 |
| | | | | | | | | | | 05/28/2003 | | Z | 2 |
| | | | | | | | | | | 09/08/2003 | | Z | 2 |
| LWS-A Deep Well | 363317116270801 | 36°33'17" | 116°27'08" | 12/02/94 | 2396. | 1859. | 1706. | 1827. | 1 | 11/12/2002 | | V | 2 |
| | | | | | | | | | | 03/13/2003 | | V | 2 |
| | | | | | | | | | | 05/28/2003 | | V | 2 |
| | 24224544425000 | 2 < 22 21 4 5 11 | 44 <00=100 | 12/02/04 | 2207 | 242 | 212 | 2=0 | | 09/08/2003 | | V | 2 |
| LWS-A Shallow Well | 36331/1162/0802 | 36°33′17" | 116°27′08" | 12/02/94 | 2396. | 312. | 212. | 278. | 1 | 11/12/2002 | | V | 2 |
| | | | | | | | | | | 03/13/2003 | | V | 2 |
| | | | | | | | | | | 05/28/2003 | | V | 2 |
| ALDD WIL | 264220116402001 | 2604222011 | 11/0402201 | 10/1/04 | 0/77 | 1014 | 10/0 | 1105 | | 09/08/2003 | | V
V | 2 |
| Ash-B Deep Well | 364329116402901 | 30°43 32 | 110-40-50 | 12/10/94 | 2677. | 1214. | 1062. | 1185. | 1 | 11/07/2002 | | | 1 |
| A -l- D Cl11 W-11 | 264220116402002 | 2604222011 | 11/0402201 | 12/1//04 | 2777 | 457. | 362. | 420 | 1 | 05/21/2003 | | V
V | 1 |
| Ash-B Shallow Well | 364329116402902 | 30-43 32" | 110-40-30 | 12/10/94 | 2677. | 457. | <i>3</i> 02. | 428. | 1 | 11/07/2002
05/21/2003 | | V
V | 1 |
| Narrows South Well 2 | 365253116450901 | 36052'52" | 1160/5'00" | 10/16/71 | 3180. | 120. | 20. | 120. | 2 | 11/19/2003 | | V
V | 1 2 |
| Traitows South Well 2 | 303433110430801 | JU JZ JJ | 110 43 08 | 10/10//1 | 3100. | 120. | 20. | 120. | 2 | 03/17/2003 | | V
V | 2 |
| | | | | | | | | | | 05/21/2003 | | V | 2 |
| | | | | | | | | | | 09/04/2003 | | V | 2 |
| | | | | | | | | | | 03/04/2003 | 19.32 | v | |

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made throughout the Nevada Test Site to aid in characterizing the local ground-water flow system. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration Program. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada Test Site administrative area and then by hole number within each area. The measurement sites are shown in figure 37.

 $Site\ Identification--U.S.\ Geological\ Survey\ site\ designation.$

Land Surface Elevation-Datum is sea level. Value may not represent current elevation.

Well Depth--Datum is land surface. Represents most recent available accessible depth.

Depth of Open Interval (feet below land surface datum)--Top, depth to top of shallowest open interval; bottom, depth to bottom of deepest open interval.

Depth to Water-Datum is land surface. Water levels represent a composite of all open intervals in well.

Status—D, dry; R, site has been pumped recently; S, a nearby site that taps the same aquifer was being pumped; T, a nearby site that taps the same aquifer had been pumped recently; Z, other condition that would affect the measured water level.

Method--V, calibrated electric tape.

Accuracy-- 1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest hundreth of a foot.

| | | | | | Land
Surface | | | of Open
rval(s) | Num-
ber | | Vater-Lev | el Meas | surement | |
|-----------------------|-----------------|------------|------------|------------|-----------------|--------|--------|--------------------|-------------|------------|-----------|---------|----------|----------|
| | | | | Date | Elevation | Well | | | of | | Depth to | | | |
| Hole | Site | | | Hole | (Feet above | | Top | Bottom | - | | Water | | | |
| Number | Identification | Latitude | Longitude | Completed | Sea Level) | (feet) | (feet) | (feet) | ings | Date | (feet) | Status | Method . | Accuracy |
| | | | | | ARE | 4 1 | | | | | | | | |
| UE- 1a | 370254116070601 | 37°02'54" | 116°07'06" | 02/02/1964 | 4303.6 | 562. | 78. | 957. | 2 | 12/18/2002 | 545.28 | | V | 1 |
| | | | | | | | | | | 03/06/2003 | 545.46 | | V | 1 |
| | | | | | | | | | | 06/19/2003 | 545.12 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 545.47 | | V | 1 |
| UE- 1b | 370254116064201 | 37°02'54" | 116°06'42" | 02/10/1964 | 4273.4 | 701. | 76. | 1254. | 2 | 12/18/2002 | 644.66 | | V | 1 |
| | | | | | | | | | | 03/06/2003 | 644.71 | | V | 1 |
| | | | | | | | | | | 06/19/2003 | 644.48 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 644.79 | | V | 1 |
| UE-1c | 370253116055201 | 37°02'53" | 116°05'52" | 02/11/1964 | 4206.6 | 1772. | 74. | 1880. | 2 | 12/18/2002 | 1297.52 | | V | 1 |
| | | | | | | | | | | 03/06/2003 | 1297.55 | | V | 1 |
| | | | | | | | | | | 06/19/2003 | 1297.37 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 1297.68 | | V | 1 |
| UE-1h | 370005116040301 | 37°00'05" | 116°04'03" | 07/03/1968 | 3994.9 | 3228. | 2134. | 3358. | 2 | 12/23/2002 | 1554.90 | | V | 1 |
| | | | | | | | | | | 03/06/2003 | 1555.11 | | V | 1 |
| | | | | | | | | | | 06/19/2003 | 1554.83 | | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1555.07 | | V | 1 |
| UE-1L | 370254116082002 | .37°02'54" | 116°08'20" | 11/11/1977 | 4457. | 2284. | 716. | 2284. | 2 | 12/18/2002 | 518.54 | | V | 1 |
| (recompleted) | | | | | | | | | | 03/06/2003 | 518.45 | | V | 1 |
| | | | | | | | | | | 07/09/2003 | 518.52 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 518.52 | | V | 1 |
| UE-1q 3703. (2600 ft) | 370337116033002 | 237°03'37" | 116°03'30" | 05/22/1992 | 4081.4 | 2600. | 2459. | 2600. | 2 | 12/18/2002 | 1655.52 | | V | 1 |
| | | | | | | | | | | 03/05/2003 | 1655.70 | | V | 1 |
| | | | | | | | | | | 06/19/2003 | 1655.54 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 1655.74 | | V | 1 |
| | | | | | AREA | 42 | | | | | | | | |
| ER- 2-1 | 370725116033901 | 37°07'31" | 116°03'42" | 03/07/2003 | 4215.9 | 2079. | 1642. | 2177. | 3 | 04/07/2003 | 1721.99 | | V | 1 |
| (2079 ft) | | | | | | | | | | 06/16/2003 | | | V | 1 |
| (===== | | | | | | | | | | 07/26/2003 | | | V | 1 |
| | | | | | | | | | | 08/10/2003 | | | V | 1 |
| ER- 2-1 | 370725116033902 | .37°07'31" | 116°03'42" | 03/07/2003 | 4215.9 | 2559. | 2313. | 2600. | 2 | 04/07/2003 | | | V | 1 |
| (2559 ft) | | | | | | | | | | 06/16/2003 | | | V | 1 |
| · · | | | | | | | | | | 08/10/2003 | 603.23 | | V | 1 |
| | | | | | | | | | | 08/12/2003 | | | V | 1 |
| | | | | | | | | | | 09/10/2003 | 599.44 | | V | 1 |
| | | | | | | | | | | 09/10/2003 | 599.36 | | V | 1 |
| U - 2gk | 370720116041601 | 37°07'20" | 116°04'16' | 10/15/1992 | 4241.7 | 1802. | 116. | 1809. | 3 | 12/17/2002 | 1778.04 | | V | 1 |
| C | | | | | | | | | | 03/04/2003 | 1777.88 | | V | 1 |
| | | | | | | | | | | 06/16/2003 | 1777.77 | | V | 1 |
| | | | | | | | | | | 09/09/2003 | 1777.72 | | V | 1 |
| UE-2ce | 370831116080701 | 37°08'31" | 116°08'07" | 01/23/1977 | 4764.5 | 1505. | 1377. | 1650. | 4 | 12/16/2002 | 1447.38 | | V | 1 |
| | | | | | | | | | | 03/04/2003 | 1447.47 | | V | 1 |
| | | | | | | | | | | 06/12/2003 | 1447.87 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 1448.27 | | V | 1 |
| WW- 2 | 370958116051512 | .37°09'58" | 116°05'15" | 03/11/1962 | 4469.6 | 3422. | 2700. | 3412. | 2 | 12/12/2002 | 2053.10 | | V | 1 |
| (3422 ft) | | | | | | | | | | 03/04/2003 | 2052.86 | | V | 1 |
| | | | | | | | | | | 06/12/2003 | 2053.36 | | V | 1 |
| | | | | | | | | | | 09/09/2003 | 2053.17 | | V | 1 |

| - | | THE VILLET | TEST SITE | AND ADJA | Land | L2 15 141C | Depth | of Open | | - | | | |
|-------------------------|---|------------|------------|--------------|--------------------------|---------------|--------|----------|------------|--------------------------|-------------------|----------------|----------|
| | | | | Data | Surface | Wall | Int | erval | ber | | | el Measurement | İ. |
| Hole | Site | | | Date
Hole | Elevation
(Feet above | Well
Depth | Тор | Bottom | of
Open | _ | Depth to
Water |) | |
| Number | Identification | Latitude | Longitude | Completed | | _ | (feet) | (feet) | ings | Date | (feet) | Status Method | Accuracy |
| | | | | | ARE | A 3 | | | | | | | |
| ER- 3-1-2 | 370116115561302 | 37°01'09" | 115°56'09" | 05/20/1994 | 4406.7 | 2310. | 2208. | 2310. | 2 | 12/09/2002 | 2015.67 | V | 1 |
| (shallow) | | | | | | | | | | 03/11/2003 | 2015.53 | V | 1 |
| | | | | | | | | | | 06/25/2003 | 2015.85 | V | 1 |
| | | | | | | | | | | 09/30/2003 | 2015.67 | V | 1 |
| ER- 3-2-2 | 370214116021002 | 37°02'14" | 116°02'10" | 02/18/1994 | 4010.1 | 2655. | 2588. | 2636. | 2 | 12/11/2002 | 1604.85 | | 1 |
| (middle) | | | | | | | | | | 03/11/2003 | | | 1 |
| | | | | | | | | | | 06/17/2003 | | | 1 |
| | 250252445020204 | 25002152 | 44 <000 | | 10.55.0 | 2220 | 4540 | 2271 | | 09/24/2003 | | | 1 |
| TW-7 | 370353116020201 | 3/03/53" | 116°02′02" | 06/2//1954 | 4057.8 | 2239. | 1710. | 2251. | 4 | 12/16/2002 | | | 1 |
| | | | | | | | | | | 03/05/2003 | | | 1
1 |
| | | | | | | | | | | 09/10/2003 | | | 1 |
| TW-F (2620 ft) | 370321115594203 | 37°03'21" | 115°50'/2" | M/18/1062 | 4172. | 2610. | 0. | 2620. | 8 | 09/10/2003 | | | 1 |
| U - 3cn 5 | 370320116012001 | | | | | 2830. | 2832. | 3030. | 3 | 12/16/2002 | | | 1 |
| 0 00110 | 2,0220110012001 | 0, 00 0. | 110 01 20 | 02/07/1900 | .007.2 | 2020. | 2002. | 2020. | | 03/05/2003 | | | 1 |
| | | | | | | | | | | 06/17/2003 | | | 1 |
| | | | | | | | | | | 09/10/2003 | | | 1 |
| U - 3mi | 370020115593001 | 37°00'21" | 115°59'30" | 01/20/1986 | 4005.8 | 1651. | 372. | 1794. | 2 | 12/11/2002 | 1558.05 | V | 1 |
| | | | | | | | | | | 03/12/2003 | 1557.95 | V | 1 |
| | | | | | | | | | | 06/23/2003 | 1557.98 | V | 1 |
| | | | | | | | | | | 09/16/2003 | 1558.00 | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1558.01 | | 1 |
| UE- 3e 4-1 | 370411116025910 | 37°04'11" | 116°02'59" | 03/19/1990 | 4081.3 | 2181. | 2094. | 2192. | 2 | 12/17/2002 | | | 1 |
| (2181 ft) | | | | | | | | | | 03/05/2003 | | | 1 |
| | | | | | | | | | | 06/16/2003 | | | 1 |
| IIE 2 42 | 270411116025011 | 270042111 | 11/0002508 | 02/22/1000 | 4001.2 | 1010 | 1022 | 1006 | 2 | 09/18/2003 | | | 1 |
| UE- 3e 4-2
(1919 ft) | 370411116025911 | 3/ 04 11 | 110-02 39 | 03/22/1990 | 4081.3 | 1919. | 1832. | 1926. | 2 | 12/17/2002
03/05/2003 | | | 1
1 |
| (191911) | | | | | | | | | | 06/16/2003 | | | 1 |
| | | | | | | | | | | 09/18/2003 | | | 1 |
| UE- 3e 4-3 | 370411116025912 | .37°04'11" | 116°02'59" | 03/26/1990 | 4081.4 | 1661. | 1540. | 1668. | 2 | 12/17/2002 | | | 1 |
| (1661 ft) | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | 00.00.00 | | | | | _ | 03/05/2003 | | | 1 |
| , | | | | | | | | | | 06/16/2003 | | | 1 |
| | | | | | | | | | | 09/18/2003 | 1548.51 | V | 1 |
| WW- A | 370142116021101 | 37°02'13" | 116°02'10" | 09/05/1960 | 4006.4 | 1870. | 1555. | 1870 | 3 | 12/11/2002 | 1600.92 | V | 1 |
| (1870 ft) | | | | | | | | | | 03/11/2003 | 1600.78 | V | 1 |
| | | | | | | | | | | 06/17/2003 | 1600.79 | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1600.75 | V | 1 |
| | | | | | ARE | A 4 | | | | | | | |
| TW-D | 370418116044501 | 37°04'28" | 116°04'30" | 01/08/1961 | 4150.5 | 1950. | 1772. | 1950. | 5 | 12/17/2002 | 1722.90 | V | 1 |
| | | | | | | | | | | 03/05/2003 | | | 1 |
| | | | | | | | | | | 06/17/2003 | 1723.41 | V | 1 |
| | | | | | | | | | | 09/18/2003 | 1723.49 | V | 1 |
| | | | | | ARE | A 5 | | | | | | | |
| ER- 5-3 | 365223115561702 | 36°52'23" | 115°56'17" | 03/16/2000 | 3337.4 | 2212. | 1995. | 2190. | 2 | 12/24/2002 | 929.20 |) V | 1 |
| (3-in deep) | 303223113301702 | 30 32 23 | 115 50 17 | 03/10/2000 | 3337.1 | 2212. | 1775. | 2150. | - | 03/10/2003 | | | 1 |
| (c =====p) | | | | | | | | | | 06/18/2003 | | | 1 |
| | | | | | | | | | | 09/25/2003 | | | 1 |
| ER- 5-3 | 365223115561703 | 36°52'23" | 115°56'17" | 03/16/2000 | 3337.4 | 1237. | 98. | 1080. | 2 | 12/24/2002 | | | 1 |
| (3-in shallow) | | | | | | | | | | 03/10/2003 | 927.52 | . V | 1 |
| | | | | | | | | | | 06/18/2003 | 927.21 | V | 1 |
| | | | | | | | | | | 09/25/2003 | 927.47 | V | 1 |
| ER- 5-3 | 365223115561701 | 36°52'23" | 115°56'17" | 04/12/2001 | 3337.4 | 2549. | 1446. | 1782. | 2 | 12/24/2002 | | | 1 |
| (8-in upper) | | | | | | | | | | 03/10/2003 | | | 1 |
| | | | | | | | | | | 06/18/2003 | | | 1 |
| | 0.55005 | 2.00==::: | | 00.65 | | 1000 | .== · | . | _ | 09/25/2003 | | | 1 |
| ER- 5-3-2 | 365223115561801 | 36°52'23" | 115°56'18" | 03/29/2001 | 3337.4 | 4908. | 4774. | 5683. | 2 | 03/10/2003 | | | 1 |
| | | | | | | | | | | 06/18/2003 | | | 1 |
| | | | | | | | | | | 09/25/2003 | 952.44 | V | 1 |

| - | | NEVADA | 1EST SITE | AND ADJ | ACENT AR | EAS MC | | | | | l | | | |
|----------------|-----------------|--------------------|---------------|--------------|-------------|----------------|--------|-----------------------|------|------------|------------|--------|----------|----------|
| | | | | | Land | | • | of Open | | | 3 7 | 13.5 | | |
| | | | | | Surface | | Int | terval | ber | \ | Water-Lev | | surement | |
| | | | | Date | Elevation | Well | | | of | | Depth to | | | |
| Hole | Site | | | Hole | (Feet above | Depth | Top | Bottom | Open | - | Water | | | |
| Number | Identification | Latitude | Longitude | Completed | Sea Level) | (feet) | (feet) | (feet) | ings | Date | (feet) | Status | Method | Accuracy |
| | | | | | AREA 5C | Continue | 1 | | | | | | | |
| | | | | | | | | | | | | | | |
| ER- 5-3-3 | 365223115561704 | 36°52'23" | ' 115°56'17" | ' 02/06/2001 | 3337.4 | 1745. | 1412. | 1800. | 2 | 12/24/2002 | 927.26 | | V | 1 |
| | | | | | | | | | | 03/10/2003 | 927.35 | | V | 1 |
| | | | | | | | | | | 09/25/2003 | 927.31 | | V | 1 |
| ER- 5-4 (deep) | 364928115574801 | 36°49'27" | ' 115°57'48" | 03/31/2001 | 3127. | 3438. | 1715. | 3732. | 4 | 09/29/2003 | 725.94 | | V | 1 |
| ER- 5-4 | 364928115574802 | | | | | 814. | 119. | 813. | 2 | 09/29/2003 | | | V | 1 |
| (shallow) | 301920113371002 | 30 17 27 | 113 37 10 | 03/31/2001 | 3127. | 011. | 117. | 015. | - | 07/27/2003 | 720.70 | • | • | • |
| ER- 5-4-2 | 264027115574901 | 2694022711 | 1 1 50577 401 | 00/10/2002 | 2127 | ((50 | 40.40 | 7000 | 2 | 12/02/2002 | 740.52 | ъ | 17 | 1 |
| EK- 5-4-2 | 364927115574801 | 30-49 27 | 115'5/ 48 | 09/18/2002 | 3127. | 6658. | 4848. | 7000. | 2 | 12/02/2002 | | | V | 1 |
| | | | | | | | | | | 12/14/2002 | | | V | 1 |
| | | | | | | | | | | 02/07/2003 | | | V | 1 |
| | | | | | | | | | | 03/12/2003 | 686.60 |) | V | 1 |
| | | | | | | | | | | 09/29/2003 | 662.62 | | V | 1 |
| RNM-2S | 364922115580101 | 36°49'22" | ' 115°58'01" | 04/01/1974 | 3130.2 | 1120. | 1038. | 1156. | 2 | 12/30/2002 | 723.51 | | V | 1 |
| | | | | | | | | | | 03/10/2003 | 723.38 | | V | 1 |
| | | | | | | | | | | 09/25/2003 | | | V | 1 |
| UE-5n | 364915115574101 | 360/0'15" | 115057'/1" | 03/01/1076 | 3113.0 | 1687. | 720. | 1687. | 2 | 12/30/2002 | | | v | 1 |
| OE- JII | 304913113374101 | 30 49 13 | 113 37 41 | 03/01/19/0 | 3113.0 | 1007. | 720. | 1067. | 2 | | | | | |
| | | | | | | | | | | 03/10/2003 | | | V | 1 |
| | | | | | | | | | | 09/25/2003 | 706.20 |) | V | 1 |
| WW-5A | 364635115572901 | 36°46'35" | ' 115°57'29" | ' 03/23/1951 | 3092.6 | 910. | 642. | 910. | 2 | 10/23/2002 | 710.51 | | V | 1 |
| | | | | | | | | | | 11/05/2002 | 710.59 | | V | 1 |
| | | | | | | | | | | 11/25/2002 | 710.19 | | V | 1 |
| | | | | | | | | | | 12/30/2002 | 710.14 | | V | 1 |
| | | | | | | | | | | 01/28/2003 | | | v | 1 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | 01/28/2003 | | | V | 1 |
| | | | | | | | | | | 03/10/2003 | | | V | 1 |
| | | | | | | | | | | 06/18/2003 | 710.42 | | V | 1 |
| | | | | | | | | | | 09/25/2003 | 710.09 | | V | 1 |
| WW-5B | 364805115580801 | 36°48'05" | ' 115°58'08" | 05/07/1951 | 3092.1 | 900. | 700. | 900. | 1 | 01/21/2003 | 687.02 | | V | 1 |
| | | | | | | | | | | 01/22/2003 | 688.37 | R | V | 1 |
| | | | | | | | | | | 03/10/2003 | | | v | 1 |
| | | | | | | | | | | 06/23/2003 | | | V | |
| | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | 09/22/2003 | 687.47 | | V | 1 |
| | | | | | ARE | A 6 | | | | | | | | |
| ER-6-1(big) | 365904115593401 | 36°59'04" | ' 115°59'34'' | 10/26/1994 | 3937.2 | 3206. | 1819. | 3206. | 3 | 03/12/2003 | 1546.86 | | V | 1 |
| 211 0 1(018) | 202701112272101 | | 110 07 01 | 10/20/1// | 0,0,1.2 | D 2 00. | 101). | <i>5</i> 2 00. | | 06/24/2003 | | | v | 1 |
| | | | | | | | | | | | | | | |
| | 245004445502402 | 2 < 0 7 0 1 0 1 11 | | | 2025.2 | 4=00 | | | _ | 09/24/2003 | | | V | 1 |
| ER-6-I(small) | 365904115593403 | 36°59′04" | 115°59′34" | 0//23/1992 | 3937.2 | 1790. | 1435. | 1542. | 2 | 03/12/2003 | | | V | 1 |
| | | | | | | | | | | 06/24/2003 | 1473.92 | | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1474.18 | | V | 1 |
| ER-6-1-1 | 365904115593402 | . 36°59'04" | ' 115°59'34" | 07/16/1993 | 3937.1 | 1940. | 1835. | 2052. | 2 | 03/12/2003 | 1546.60 | | V | 1 |
| | | | | | | | | | | 06/24/2003 | 1546.65 | | V | 1 |
| | | | | | | | | | | 09/24/2003 | | | v | 1 |
| ER- 6-1-2 | 365901115593502 | 26050201" | 115050'25" | 10/01/2002 | 2025 / | 1587. | 120. | 1587. | 2 | 12/14/2002 | | | v | 1 |
| | 303901113393302 | . 30 39 01 | 113 39 33 | 10/01/2002 | 3933.4 | 1367. | 120. | 1367. | 2 | | | | | |
| (1587 ft) | | | | | | | | | | 03/12/2003 | | | V | 1 |
| | | | | | | | | | | 06/24/2003 | | | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1471.83 | | V | 1 |
| ER-6-1-2 | 365901115593501 | 36°59'01" | ' 115°59'35" | 10/05/2002 | 3935.3 | 3200. | 1775. | 3200. | 2 | 12/14/2002 | 1545.1 | | V | 1 |
| (3200 ft) | | | | | | | | | | 03/12/2003 | 1544.87 | | V | 1 |
| ` / | | | | | | | | | | 06/24/2003 | 1545 00 | | V | 1 |
| | | | | | | | | | | 09/24/2003 | | | v | 1 |
| ED (2 | 265740116042501 | 260577.4011 | 11/00/225 | 07/01/1004 | 4021.2 | 2.420 | 1746 | 2420 | 2 | | | | | |
| ER- 6-2 | 365740116043501 | 30 37 40 | 110 04 33 | 07/21/1994 | 4231.3 | 3430. | 1746. | 3430. | 3 | 12/23/2002 | | | V | 1 |
| | | | | | | | | | | 03/06/2003 | | | V | 1 |
| | | | | | | | | | | 06/23/2003 | 1784.00 | | V | 1 |
| | | | | | | | | | | 09/18/2003 | 1784.17 | | V | 1 |
| TW-B | 365849116002101 | 36°58'45" | ' 116°00'49" | 06/14/1961 | 3931.8 | 1670. | 1432. | 1656. | 2 | 12/11/2002 | 1504.39 | | V | 1 |
| | | | | | | | | | | 03/12/2003 | | | V | 1 |
| | | | | | | | | | | 06/23/2003 | | | V | 1 |
| | | | | | | | | | | | | | | |
| | azeno= | 0.00===: | | 0.510= | ac := | 26 - | | | _ | 09/24/2003 | | | V | 1 |
| UE-6d | 365905116033201 | 36°59'05" | 116°03'32" | 05/07/1968 | 3947 | 3864. | 2125. | 3896. | 3 | 12/19/2002 | | | V | 1 |
| | | | | | | | | | | 03/06/2003 | 1514.28 | | V | 1 |
| | | | | | | | | | | 06/23/2003 | 1514.19 | | V | 1 |
| | | | | | | | | | | 09/24/2003 | 1514.48 | | V | 1 |
| | | | | | | | | | | , _ 000 | | | • | - |

| | | TL VADA | 11231 3111 | AND ADJA | Land | LASTIC | Depth | of Open | Num | - | | 13.6 | |
|----------------|-----------------|------------|------------|--------------|----------------------|-----------|--------|---------|-----------|--------------------------|----------|---------------------------------------|---------|
| | | | | Date | Surface
Elevation | Well | int | erval | ber
of | | Depth to | el Measuremen | l . |
| Hole | Site | | | Hole | (Feet above | | Тор | Bottom | | _ | Water | , | |
| Number | Identification | Latitude | Longitude | Completed | | | (feet) | (feet) | ings | Date | (feet) | Status Method | Accurac |
| | | | | | AREA 6C | Continued | i | | | | | | |
| UE-6e | 365905116012002 | :36°59'05" | 116°01'20' | ' 11/11/1992 | 3938.1 | 2230. | 2090. | 2230. | 1 | 12/11/2002 | 1509.83 | V | 1 |
| (2090-2230 ft | | | | | | | | | | 03/12/2003 | | | 1 |
| | , | | | | | | | | | 06/23/2003 | | | 1 |
| | | | | | | | | | | 09/25/2003 | 1509.44 | · V | 1 |
| UE-14b | 365550116091101 | 36°55'50" | 116°09'11' | ' 01/30/1984 | 4353.4 | 3680. | 2051. | 3680. | 2 | 12/05/2002 | 1666.56 | V | 1 |
| | | | | | | | | | | 03/11/2003 | 1666.26 | V | 1 |
| | | | | | | | | | | 07/09/2003 | | | 1 |
| | | | | | | | | | | 09/25/2003 | | | 1 |
| WW-3 | 365942116032901 | 36°59'43" | 116°03'29' | ' 03/05/1952 | 3969. | 1800. | 1535. | 1800. | 2 | 12/23/2002 | | | 1 |
| (1800 ft) | | | | | | | | | | 03/06/2003 | | | 1 |
| | | | | | | | | | | 06/23/2003 | | | 1 |
| WW-4 | 365418116012601 | 3605/118" | 116001'26' | 11/19/1091 | 3601.5 | 1479. | 942. | 1479. | 2 | 09/24/2003
12/16/2002 | | | 1
1 |
| ** ** | 303410110012001 | 30 34 10 | 110 01 20 | 11/10/1701 | 3001.3 | 14/). | 772. | 147). | 2 | 03/17/2003 | | | 1 |
| | | | | | | | | | | 06/23/2003 | | | 1 |
| | | | | | | | | | | 09/22/2003 | | | 1 |
| WW-4A | 365412116013901 | 36°54'12" | 116°01'39' | 02/21/1990 | 3606. | 1502. | 1066 | 1516 | 3 | 12/16/2002 | | | 1 |
| | | | | | | | | | | 03/17/2003 | 838.35 | v | 1 |
| | | | | | | | | | | 06/23/2003 | 838.68 | V V | 1 |
| | | | | | | | | | | 09/22/2003 | 839.17 | V | 1 |
| | | | | | ARE | A 7 | | | | | | | |
| ER- 7-1 | 370424115594301 | 37°04'24" | 115°59'43' | ' 02/09/2003 | 4246.2 | 2500. | 1775. | 2500. | 2 | 06/17/2003 | 1853.22 | V | 1 |
| Lit 7 1 | 270.2111003.001 | 0.0.2. | 110 07 10 | 02,00,2000 | 12 1012 | | 17701 | 2000. | _ | 09/10/2003 | | | 1 |
| U - 7cd | 370451116024101 | 37°04'51" | 116°02'41' | ' 04/14/1992 | 4114.7 | 1523. | 117. | 1625. | 3 | 03/31/2003 | | | 1 |
| | | | | | | | | | | 07/14/2003 | | | 1 |
| UE-4t 1 | 370556116025405 | 37°05'56" | 116°02'54' | 10/24/1990 | 4141.1 | 1993. | 1906. | 2010. | 2 | 12/16/2002 | 475.67 | v | 1 |
| (1906-2010 ft |) | | | | | | | | | 12/17/2002 | 475.62 | . V | 1 |
| | | | | | | | | | | 12/18/2002 | 475.73 | V | 1 |
| | | | | | | | | | | 12/19/2002 | | | 1 |
| | | | | | | | | | | 12/23/2002 | | | 1 |
| | | | | | | | | | | 12/24/2002 | | | 1 |
| | | | | | | | | | | 12/30/2002 | | | 1 |
| | | | | | | | | | | 12/31/2002 | | | 1 |
| | | | | | | | | | | 01/02/2003 | | | 1
1 |
| | | | | | | | | | | 03/05/2003 | | | 1 |
| | | | | | | | | | | 09/10/2003 | | | 1 |
| UE-4t2 | 370556116025406 | 37°05'56" | 116°02'54' | ' 10/24/1990 | 4141.1 | 1724. | 1564. | 1754. | 2 | 12/16/2002 | | | 1 |
| (1564-1754 ft | | | | | | | | | | 12/17/2002 | | | 1 |
| | • | | | | | | | | | 12/18/2002 | 1193.15 | V | 1 |
| | | | | | | | | | | 12/19/2002 | 1193.14 | · V | 1 |
| | | | | | | | | | | 12/23/2002 | 1192.48 | V | 1 |
| | | | | | | | | | | 12/24/2002 | | | 1 |
| | | | | | | | | | | 12/30/2002 | | | 1 |
| | | | | | | | | | | 12/31/2002 | | | 1 |
| | | | | | | | | | | 01/02/2003 | | | 1 |
| | | | | | | | | | | 03/05/2003 | | | 1 |
| | | | | | | | | | | 06/16/2003 | | | 1 |
| HE 7nc | 27055611600001 | 27005,56 | 116000000 | 07/14/1076 | 12667 | 2022 | 1707 | 2205 | 4 | 09/10/2003 | | | 1 |
| UE-7nS | 370556116000901 | 3/-03/36" | 110-00.09 | 0//14/19/6 | 4300./ | 2022. | 1707. | 2205. | 4 | 12/16/2002 | | | 1
1 |
| | | | | | | | | | | 03/05/2003 06/16/2003 | | | 1 |
| | | | | | | | | | | 09/10/2003 | | | 1 |
| | | | | | ADE | ΛQ | | | | 3711012003 | 1707.04 | · · · · · · · · · · · · · · · · · · · | 1 |
| | | | | | ARE | | | | | | | | |
| ER- 8-1 | 371248116032101 | | | | | 2065. | 1895. | 2863. | 2 | 04/25/2003 | | D | |
| UE-10j | 371108116045303 | 37°11'08" | 116°04'53' | 02/24/1993 | 4573.7 | 2532. | 2232. | 2297. | 2 | 12/12/2002 | | | 1 |
| (2232-2297 ft |) | | | | | | | | | 03/04/2003 | | | 1 |
| | | | | | | | | | | 06/12/2003 | | | 1 |
| | | | | | | | | | | 09/09/2003 | 2157.37 | V | 1 |

| Number Size | + | | .13.7 | loto T | ** | | | Depth | | Land | | | | | |
|--|------------|---------|--------|---------|------------|------|--------|--------|----------------|---------|------------|--------------|------------|---------------------|----------------|
| Hole Site Laitude Longitude Compilered Sea Level Geot Geot Geot Geot Ings Date Geot States Nee | nt | suremen | ei Mea | | | ber | erval | Inte | XX 7-11 | Surface | D-4- | | | | |
| Number Identification Latitude Longitude Completed Sea Level (Feet) (F | | | | | | | Dottom | Ton | | | | | | Cito | Uolo |
| Care | nd Accurac | Method | Status | | | | | | | • | | Longitude | L atitude | | |
| UE-11a 365259115571601 36°52′59″ 115°57′16″ 09/04/1982 3538.3 1130. 599. 1400. 2 1223′2002 5 0 03/10/2003 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | A Accurac | Wichiod | Status | (ICCI) | Date | nigs | (ICCI) | (ICCI) | ` ′ | | Completed | Longitude | Lautude | identification | rumoci |
| RR-12-1 371106116110401 37°11′06″ 116°11′03″ 11/24/1992 5817.1 3434 1641 1846 4 02/10/2003 1526.69 030/20/2003 142.69 030/20/2003 193.03 07/13/2003 193.12 06/24/2003 193.03 07/13/2003 193.12 06/24/2003 193.12 | | | D | | 12/22/2002 | 2 | 1400 | 500 | | | 00/04/1092 | 11505716" | 2605215011 | 265250115571601 | LIE 11a |
| ER-12-1 371106116110401 37°11′06″ 116°11′03″ 11/24/1992 5817.1 3434. 1641. 1846. 4 02102003 1526.87 032020203 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.61 07.00 06092003 1526.69 06092003 1526.69 06092003 1526.69 06092003 1526.61 07.00 06092003 1526.61 07.00 06092003 1526.61 07.00 06092003 1526.61 07.00 06092003 1526.61 07.00 06092003 194.72 06092003 194.72 06092003 194.72 06092003 194.72 06092003 194.72 06092003 194.72 06092003 194.72 06092003 194.72 07.00 06092003 1882.1 09422003 194.52 06092003 194.52 06092003 194.52 07.00 06092003 188.21 09422003 194.52 06092003 194.52 07.00 06092003 187.98 06092003 194.52 06092003 194.52 07.00 06092003 187.98 06092003 194.52 07.00 06092003 187.98 07.00 06092003 187.99 07.00 06092003 187.99 07.00 06092003 187.99 07.00 0609 | | | | | | 2 | 1400. | 399. | 1130. | 3338.3 | 09/04/1982 | 115-5/ 16 | 30-32-39 | 303239113371001 | UE-11a |
| ER-12-1 371106116110401 37°11'06" 116°11'03" 11/24/1992 | | | D | | 03/10/2003 | | | | 12 | ΔRFA | | | | | |
| Care | | ** | | 1526.00 | 02/10/2002 | | 1046 | 1741 | | | 11/24/1002 | 11.601.11001 | 25011106 | 271107117110401 | ED 10.1 |
| ER-12-2 371019116072103 37°10′17″ 116°07′21″ 01/24/2003 4704.6 5203. 2964. 5203. 1 0 40/21/2003 215.76 Z (2964-5203 ft) | 1 | V | | | | 4 | 1846. | 1641. | 3434. | 5817.1 | 11/24/1992 | 116°11′03" | 3/°11′06" | 3/1106116110401 | ER-12-1 |
| ER-12-2 371019116072103 37°10′17" 116°07′21" 01/24/2003 4704.6 5203. 2964. 5203. 1 04/21/2003 21.576 Z V (2964-5203 ft) | 1
1 | V | | | | | | | | | | | | | |
| ER-12-2 371019116072103 37°10′17″ 116°07′21″ 01/24/2003 4704.6 5203. 2964. 5203. 21 04/21/2003 21.876 2 0.4/22/2003 21.876 2 0.4/2 | 1 | V | | | | | | | | | | | | | |
| Comparison of | 1 | V | Z | | | 1 | 5203. | 2964. | 5203. | 4704.6 | 01/24/2003 | 116°07'21" | 37°10'17" | 371019116072103 | ER-12-2 |
| Comparison of | 1 | V | | 214.83 | 04/22/2003 | | | | | | | | | <u>:</u>) | (2964-5203 ft) |
| ER-12-2 371019116072102 37°10′17" 116°07′21" 01/24/2003 4704.6 6883. 5203. 6883. 1 04/21/2003 215.67 Z (5203-6883 ft) | 1 | V | | 194.72 | 06/08/2003 | | | | | | | | | | |
| ER-12-2 371019116072102 37°10′17" 116°07′21" 01/24/2003 4704.6 6883. 5203. 6883. 1 04/21/2003 215.67 Z N (5203-6883 ft) | 2 | V | | 193.03 | 06/24/2003 | | | | | | | | | | |
| ER-12-2 371019116072102 37°10'17" 116°07'21" 01/24/2003 4704.6 6883. 5203. 6883. 1 04/21/2003 215.67 Z V (5203-6883 ft) | 1 | V | | | | | | | | | | | | | |
| ER-12-2 371019116072102 37°10′17" 116°07′21" 01/24/2003 4704.6 6883. 5203. 6883. 1 04/21/2003 215.67 Z N (5203-6883 ft) | 2 | V | | | | | | | | | | | | | |
| (\$203-6883 ft) (\$203-688203 | 2 | V | - | | | | 6000 | 5202 | 6002 | 4704.6 | 01/04/0002 | 11.00071011 | 250101150 | 271010117072102 | ED 12.2 |
| 0608/2003 194.52 None | 1 | V
V | Z | | | | 6883. | 5203. | 6883. | 4/04.6 | 01/24/2003 | 116°07′21″ | 3/~10/1/ | | |
| ER-12-2 371019116072104 37°10'17" 116°07'21" 01/24/2003 4704.6 579. 120. 650. 2 01/23/2003 187.98 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1
1 | V | | | | | | | | | | | | .) | (3203-0003 II) |
| ER-12-2 371019116072104 37°10′17" 116°07′21" 01/24/2003 4704.6 579. 120. 650. 2 01/23/2003 417.43 \ (579 ft) \ | 2 | V | | | | | | | | | | | | | |
| ER-12-2 371019116072104 37°10′17" 116°07′21" 01/24/2003 4704.6 579. 120. 650. 2 01/23/2003 417.43 V (579 ft) | 1 | V | | | | | | | | | | | | | |
| ER-12-2 371019116072104 37°10'17" 116°07'21" 01/24/2003 4704.6 579. 120. 650. 2 01/23/2003 417.43 | 2 | v | | | | | | | | | | | | | |
| (579 ft) (570 f | 2 | V | | | | | | | | | | | | | |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 WE-12t 6 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 03/04/2003 764.89 06/12/2003 762.46 09/09/2003 760.38 AREA 16 | 1 | V | | 417.43 | 01/23/2003 | 2 | 650. | 120. | 579. | 4704.6 | 01/24/2003 | 116°07'21" | 37°10'17" | 371019116072104 | ER-12-2 |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 415.19 V | 1 | V | | 417.64 | 01/27/2003 | | | | | | | | | | (579 ft) |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 V. U-12s(1480 ft) 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 V. U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 09/09/2003 762.46 09/09/2003 762.46 09/09/2003 760.38 V. AREA 16 | 1 | V | | 417.13 | 03/03/2003 | | | | | | | | | | |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 V. UE-12t 6 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 V. (1461 ft) AREA 15 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 V. Test Hole AREA 16 | 1 | V | | | | | | | | | | | | | |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 WE-12t 6 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 N-15 Test Hole AREA 15 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 N-15 N-15k | 1 | V | | | | | | | | | | | | | |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 WE-12t 6 (1461 ft) AREA 15 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 Test Hole AREA 16 | 1 | V | | | | | | | | | | | | | |
| U-12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 WE-12t 6 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 (1461 ft) AREA 15 U-15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 No. 20/12/2003 762.46 No. 20/12/2003 760.38 No. 20/12/200 | 1 | V
V | | | | | | | | | | | | | |
| U -12s(1480 ft) 371342116125102 37°13'42" 116°12'57" 03/15/1966 6794.2 1467. 12. 1480. 2 03/27/2003 913.62 06/11/2003 913.06 W UE-12t 6 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 (1461 ft) AREA 15 U -15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 N O6/12/2003 764.89 O6/12/2003 762.46 N O6/12/2003 760.38 N O6/ | 1
1 | V | | | | | | | | | | | | | |
| UE-12t 6 (1461 ft) AREA 15 U-15k Test Hole AREA 16 AREA 16 AREA 16 | 1 | V | | | | 2 | 1480 | 12 | 1467 | 6794.2 | 03/15/1966 | 116°12'57" | 37°13'42" | 371342116125102 | U-12s(1480 ft) |
| UE-12t6 (1461 ft) 371332116112802 37°13'32" 116°11'28" 09/16/1988 6907. 1461. 23. 1461. 8 03/27/2003 833.78 V (1461 ft) AREA 15 U -15k Test Hole Test Hole AREA 16 | 1 | v | | | | - | 1.00. | 12. | 1.071 | 0,,2 | 00/10/1900 | 110 120, | 0, 10 .2 | , 0, 10 .2110120102 | 0 125(110010) |
| U - 15k 371346116032601 37°13'46" 116°03'26" 09/20/1979 5167.7 824. 404. 824. 2 12/12/2002 766.84 No. 12/12/2003 764.89 No. 12/12/2003 762.46 No. 12/12/2003 760.38 No. 12/12/2003 No. 12/12/2003 760.38 No. 12/12/2003 No. | 1 | V | | | | 8 | 1461. | 23. | 1461. | 6907. | 09/16/1988 | 116°11'28" | 37°13'32" | 371332116112802 | |
| Test Hole 03/04/2003 764.89 N 06/12/2003 762.46 N 09/09/2003 760.38 N AREA 16 | | | | | | | | | . 15 | AREA | | | | | |
| Test Hole 03/04/2003 764.89 N 06/12/2003 762.46 N 09/09/2003 760.38 N AREA 16 | 1 | V | | 766.84 | 12/12/2002 | 2. | 824 | 404 | 824 | 5167.7 | 09/20/1979 | 116°03'26" | 37°13'46" | 371346116032601 | IJ-15k |
| 09/09/2003 760.38 V
AREA 16 | 1 | V | | | | | | | | | | | | | |
| AREA 16 | 1 | V | | 762.46 | 06/12/2003 | | | | | | | | | | |
| | 1 | V | | 760.38 | 09/09/2003 | | | | | | | | | | |
| UE-16f 370208116092402 37°02'08" 116°09'24" 09/23/1977 4651. 1409. 1293. 1479. 1 03/06/2003 366.48 | | | | | | | | | . 16 | AREA | | | | | |
| | 1 | V | | 366.48 | 03/06/2003 | 1 | 1479. | 1293. | 1409. | 4651. | 09/23/1977 | 116°09'24" | 37°02'08" | 370208116092402 | UE-16f |
| | 1 | V | | | | | | | | | | | | | |
| 09/08/2003 366.65 V | 1 | V | | 366.65 | 09/08/2003 | | | | | | | | | | |
| AREA 17 | | | | | | | | | . 17 | AREA | | | | | |
| TW-1(3694 ft) 370929116132311 37°09'29" 116°13'23" 1980 6155.8 3694. 1910. 2430. 5 12/12/2002 1462.39 | 1 | V | | 1462.39 | 12/12/2002 | 5 | 2430. | 1910. | 3694. | 6155.8 | 1980 | 116°13'23" | 37°09'29" | 370929116132311 | TW- 1(3694 ft) |
| (, | 1 | V | | | | - | | | | | | | / | | (2.22.119) |
| | 1 | V | | | | | | | | | | | | | |
| 09/15/2003 1462.16 V | 1 | V | | 1462.16 | 09/15/2003 | | | | | | | | | | |
| | 1 | V | S | | | 4 | 1214. | 745. | 1207. | 4696.5 | 09/23/1976 | 116°09'58" | 37°04'25" | 370425116095801 | UE-17a |
| | 1 | V | | | | | | | | | | | | | |
| | 1 | V | | | | | | | | | | | | | |
| 09/18/2003 629.68 V
AREA 18 | 1 | V | | 629.68 | 09/18/2003 | | | | . 18 | AREA | | | | | |
| | 1 | V | | 1211 22 | 02/10/2002 | 1 | 2101 | 1351 | | | 05/14/1000 | 11602222 | 37006'14" | 370615116222401 | ED 19.2 |
| | 1 | V | | | | | ∠1U1. | 1331. | 414J.U | J431. | 03/14/1999 | 110 22 22 | 37 00 14 | 5700131102224UI | EIX-10-2 |
| | 1 | V | | | | | | | | | | | | | |
| | 1 | V | | | | | | | | | | | | | |

| | | NEVADA | TEST SHE | AND ADJ | ACENT ARI
Land | EAS MC | | of Open | | | | | |
|----------------------------|------------------------------------|-------------|--------------|---------------|-------------------|--|---------------|----------------|-------|--|---|-----------------|------------------|
| | | | | | Surface | | • | erval | ber | | Vater-Lev | el Measurement | |
| | | | | Date | Elevation | Well | - | | of | | Depth to |) | |
| Hole | Site | | | Hole | (Feet above | Depth | Top | Bottom | Open- | - | Water | | |
| Number | Identification | Latitude | Longitude | Completed | Sea Level) | (feet) | (feet) | (feet) | ings | Date | (feet) | Status Method | Accuracy |
| | | | | | AREA 18-C | Continued | l | | | | | | |
| UE-18r | 370806116264001 | 37°08'05" | 116°26'41' | ' 01/24/1968 | 5538.2 | 4930. | 1629. | 5004. | 3 | 12/05/2002 | 1363 99 | V | 1 |
| CE 101 | 370000110201001 | 37 00 03 | 110 20 11 | 01/2 1/1/00 | 3330.2 | 1,50. | 102). | 2001. | 5 | 03/25/2003 | | | 1 |
| | | | | | | | | | | 06/04/2003 | | | 1 |
| | | | | | | | | | | 09/30/2003 | | | 1 |
| UE-18t | 370741116194501 | 37°07'41" | 116°19'45' | ' 10/05/1978 | 5201. | 2600. | 1896. | 2600. | 1 | 12/05/2002 | | | 1 |
| | | | | | | | | | | 03/25/2003 | | | 1 |
| | | | | | | | | | | 06/04/2003 | 913.96 | o V | 1 |
| | | | | | | | | | | 09/23/2003 | 914.09 | v | 1 |
| | | | | | AREA | 19 | | | | | | - | |
| ER-19-1-1 | 371043116142101 | 37°10'43" | 116°14'21' | ' 12/17/1993 | 6139.8 | 3577.5 | 3210 | 3560. | 3 | 02/18/2003 | 1778 12 | . V | 1 |
| (deep) | 371013110112101 | 37 10 13 | 110 1121 | 12/1//1//5 | 0137.0 | 5517.5 | 3210. | 2200. | 5 | 03/20/2003 | | | 1 |
| (deep) | | | | | | | | | | 06/11/2003 | | | 1 |
| | | | | | | | | | | 09/15/2003 | | | 1 |
| ER-19-1-2 | 371043116142102 | 2 37°10'43" | 116°14'21' | ' 12/17/1994 | 6139.8 | 2720.1 | 2700.1 | 2738. | 2 | 02/18/2003 | | | 1 |
| (middle) | | | | | | | | | | 03/20/2003 | | | 1 |
| , | | | | | | | | | | 06/11/2003 | 1145.02 | . V | 1 |
| | | | | | | | | | | 09/15/2003 | 1144.14 | V | 1 |
| ER-19-1-3 | 371043116142103 | 37°10'43" | 116°14'21' | 12/17/1994 | 6139.8 | 1380.5 | 1301. | 1422. | 2 | 02/18/2003 | 1005.86 | v | 1 |
| (shallow) | | | | | | | | | | 03/20/2003 | 1005.81 | V | 1 |
| | | | | | | | | | | 06/11/2003 | 1005.82 | . V | 1 |
| | | | | | | | | | | 09/15/2003 | 1005.98 | V V | 1 |
| U -19bh | 371349116222001 | 37°13'49" | 116°22'20' | ' 06/14/1991 | 6767.9 | 2107. | 70. | 2148. | 2 | 02/18/2003 | 2087.04 | V | 1 |
| | | | | | | | | | | 03/26/2003 | 2086.88 | V | 1 |
| | | | | | | | | | | 06/10/2003 | 2086.62 | . V | 1 |
| | | | | | | | | | | 09/23/2003 | 2086.32 | . V | 1 |
| U -19bj | 371736116184701 | 37°17'36" | 116°18'46' | ' 06/02/1992 | 7034.5 | 2149. | 57. | 2153. | 2 | 06/10/2003 | 2135.81 | V | 1 |
| | | | | | | | | | | 09/15/2003 | 2135.88 | V | 1 |
| U -19bk | 371714116230301 | 37°17'14" | 116°23'03' | ' 12/11/1991 | 6669.9 | 2192. | 57. | 2198. | 2 | 02/18/2003 | 1984.37 | | 1 |
| | | | | | | | | | | 03/25/2003 | | | 1 |
| | | | | | | | | | | 06/10/2003 | | | 1 |
| | 2=1 <0011 <10100 | | 44 (04 04 04 | | | 0.400 | 2121 | 0.400 | _ | 09/23/2003 | | | 1 |
| UE-19c WW | 371608116191002 | 2 37°16'08" | 116°19′10′ | ' 06/30/1975 | 7033.1 | 8489. | 2421. | 8489. | 2 | 03/26/2003 | | | 1 |
| | | | | | | | | | | 06/10/2003 | | | 1 |
| LIE 10L | 272024116222504 | 2702022411 | 11/0002051 | 01/17/1002 | (700.1 | 2200 | 2050 | 2202 | 1 | 09/15/2003 | | | 1 |
| UE-19h | 372034116222504 | 37-20-34 | 110-22 23 | 01/1//1992 | 6780.1 | 2288. | 2050. | 2283. | 1 | 02/18/2003 03/25/2003 | | | 1
1 |
| | | | | | | | | | | 06/10/2003 | | | 1 |
| | | | | | | | | | | 09/23/2003 | | | 1 |
| | | | | | AREA | 20 | | | | 0712312003 | 2111.07 | v | |
| | 251221117222 | 25012121 | 44 (000) | | | | 10.10 | 2015 | | 0010110000 | 4000 =4 | | |
| ER-20-1 | 371321116292301 | 3/~13′21" | 116~29″29′ | 09/09/1992 | 6180.9 | 2065. | 1940. | 2065. | 1 | 02/04/2003 | | | 1 |
| | | | | | | | | | | 03/25/2003 | | | 1 |
| | | | | | | | | | | 06/04/2003 | | | 1 |
| ED 20 2 1 | 2712///11/240101 | 27012:46" | 1160242011 | 00/02/1002 | 6670 | 2524 | 2202 | 2524 | 2 | 09/22/2003 | | | 1 |
| ER-20-2-1 | 371246116240101 | 31 12 40" | 110 24 01 | 06/03/1993 | 6670. | 2524. | 2303. | 2524. | 2 | 02/18/2003 03/26/2003 | | | 1
1 |
| | | | | | | | | | | 06/10/2003 | | | 1 |
| | | | | | | | | | | 09/23/2003 | | | 1 |
| ER-20-6-1 | 371537116251501 | 37°15'37" | 116°25'15' | ' 03/15/1996 | 6474.8 | 2930. | 2437. | 2929. | 3 | 02/05/2003 | | | 1 |
| (3-in string) | 5,155,110251501 | 5, 1551 | .10 20 10 | 55, 15, 17,70 | 017.0 | <i>275</i> 0. | <u>~</u> ₹37. | -/-/. | J | 03/24/2003 | | | 1 |
| (2 (34.115) | | | | | | | | | | 06/05/2003 | | | 1 |
| _ | | | | | | | | | | 09/16/2003 | | | 1 |
| | | | | | | | | | 2 | | | | |
| ER-20-6-2 | 371536116251601 | 37°15'36" | 116°25'16' | ' 01/01/1996 | 6475.1 | 2933. | 2414. | 2945. | 3 | 02/05/2003 | 2023.88 | V | 1 |
| ER-20-6-2
(3-in string) | 371536116251601 | 37°15'36" | 116°25'16' | ' 01/01/1996 | 6475.1 | 2933. | 2414. | 2945. | 3 | 02/05/2003 | | | 1 |
| | 371536116251601 | 37°15'36" | 116°25'16' | ' 01/01/1996 | 6475.1 | 2933. | 2414. | 2945. | 3 | | 2023.96 | V | |
| | 371536116251601 | 37°15'36" | 116°25'16' | ' 01/01/1996 | 6475.1 | 2933. | 2414. | 2945. | 3 | 03/24/2003 | 2023.96
2024.13 | V V | 1 |
| (3-in string) | 371536116251601
371533116251801 | | | | | 2933.2789.7 | | 2945.
2807. | 2 | 03/24/2003
06/05/2003 | 2023.96
2024.13
2023.97 | V V V | 1
1 |
| (3-in string) | | | | | | | | | | 03/24/2003
06/05/2003
09/16/2003 | 2023.96
2024.13
2023.97
2014.88 | V V V V | 1
1
1 |
| ER-20-6-3 | | | | | | | | | | 03/24/2003
06/05/2003
09/16/2003
02/05/2003 | 2023.96
2024.13
2023.97
2014.88
2014.98 | V V V V V V V V | 1
1
1
1 |

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

| Mole | | | | | | Land | | Depth | of Open | Num | | | | | |
|--|-----------|-----------------|-------------|------------|------------|-------------|----------|--------|---------|------|------------|-----------|--------|----------|----------|
| Hole Number Mine | | | | | | | | | | | | Vater-Lev | el Mea | surement | t |
| Marke Namber Identification Iden | | | | | Date | | Well | | | of | | Depth to | | | |
| PM-1 371649116242102 37°16'49" 116°24'21" 05/03/1964 6557.8 7731. 7543. 7731. 2 0205/2003 2099.33 V 1 03/25/2003 2099.24 V 1 03/25/2003 2099.24 V 1 03/25/2003 2099.10 V 1 09/22/2003 2099.10 V 1 09/22/2003 2099.10 V 1 09/22/2003 2098.95 V 1 09/22/2003 2098.95 V 1 09/22/2003 2098.95 V 1 06/03/2003 858.68 V 1 06/03/2003 2052.77 V 1 06/03/2003 2052.77 V 1 05/03/2003 2052.77 V 1 05/03/2003 2052.77 V 1 05/03/2003 2052.77 V 1 06/03/2003 2052.77 V | Hole | Site | | | Hole | (Feet above | Depth | Top | Bottom | Open | - | | | | |
| PM-1 (7731 ft) 371649116242102 37°16'49" 116°24'21" 05/03/1964 6557.8 7731. 7543. 7731. 2 0205/2003 2099.33 V 1 (7731 ft) 070731 ft) | Number | Identification | Latitude | Longitude | Completed | Sea Level) | (feet) | (feet) | (feet) | ings | Date | (feet) | Status | Method | Accuracy |
| (7731 ft) | | | | | | AREA 20C | Continue | i | | | | | | | |
| PM-2 372042116340501 37"20'42" 116"34'05" 05/01/1966 5591.8 8788. 2506. 8788. 13 0609/2003 2099.15 V 1 PM-2 372042116340501 37"20'42" 116"34'05" 05/01/1966 5591.8 8788. 2506. 8788. 13 020/4/2003 858.88 V 1 U-20 WW 371505116254501 37"15'05" 116"25'45" 07/22/1985 6467.6 3268. 2271. 3268 2 02/04/2003 2052.79 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.77 V 1 09/16/2003 2052.76 V 1 09/16/2003 2052.76 V 1 09/16/2003 2052.76 V 1 09/16/2003 2052.75 V 1 09/16/2003 2054.32 R V 1 09/16/2003 2054.32 R V 1 09/16/2003 2054.32 R V 1 09/16/2003 2137.32 V 1 06/09/2003 2137.32 V 1 06/09/2003 2137.32 V 1 06/09/2003 2137.32 V 1 09/16/2003 2052.00 2137.32 V 1 09/16/2003 2052.00 2137.34 V 1 09/16/2003 2052.00 2137.34 V 1 09/16/2003 2052.00 2137.34 V 1 09/16/2003 2052.00 212.62 V 1 09/16/2003 2012.69 V 1 06/09/2003 212.62 V 1 09/16/2003 2040.80 V 1 | PM- 1 | 371649116242102 | 2 37°16'49" | 116°24'21" | 05/03/1964 | 6557.8 | 7731. | 7543. | 7731. | 2 | 02/05/2003 | 2099.33 | | V | 1 |
| PM-2 372042116340501 37°20′42″ 116°34′05″ 05/01/1966 5591.8 8788. 2506. 8788. 13 0204/2003 858.88 V 1 03/24/2003 858.89 V 1 03/24/2003 858.89 V 1 09/22/2003 858.94 V 1 09/22/2003 858.94 V 1 09/22/2003 858.94 V 1 09/22/2003 2052.79 V 1 06/05/2003 2052.77 V 1 06/05/2003 2052.76 V 1 09/16/2003 2052.76 V 1 09/16/2003 2054.32 R V 1 09/22/2003 2137.48 V 1 06/09/2003 2137.49 V 1 06/05/2003 2137.48 V 1 06/09/2003 2137.44 V 1 06/09/2003 2137.44 V 1 06/09/2003 2137.44 V 1 09/22/2003 2137.44 V 1 09/22/2003 2137.44 V 1 09/22/2003 2137.44 V 1 09/22/2003 2127.40 V 1 06/09/2003 2212.60 V 1 09/22/2003 2127.40 V 1 06/09/2003 2212.60 V 1 09/22/2003 2127.40 V 1 06/09/2003 2212.60 V 1 09/22/2003 2127.40 V 1 09/22/2003 212.40 V | (7731 ft) | | | | | | | | | | 03/25/2003 | 2099.24 | | V | 1 |
| PM-2 372042116340501 37°20′42″ 116°34′05″ 05/01/1966 5591.8 8788. 2506 8788. 13 0204/2003 858.88 V 1 03/24/2003 858.86 V 1 05/03/20/2003 858.86 V 1 05/03/20/2003 858.86 V 1 1 05/03/2003 2054.37 R V 1 1 05/03/2003 2054.37 R V 1 1 05/03/2003 2054.37 V 1 1 05/03/2003 205/03 V 1 1 1 05/03/2003 2054.37 V 1 1 05/03/200 | | | | | | | | | | | 06/09/2003 | 2099.10 | | V | 1 |
| U-20 WW (cased) 371505116254501 37°15′05″ 116°25′45″ 07/22/1985 6467.6 3268. 2271. 3268 2 0204/2003 2052.79 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.76 V 1 09/16/2003 2052.77 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.77 V 1 03/24/2003 2052.76 V 1 09/16/2003 2137.48 V 1 09/16/2003 2137.48 V 1 09/16/2003 2137.48 V 1 09/16/2003 2137.44 V 1 | | | | | | | | | | | 09/22/2003 | 2098.95 | | V | 1 |
| U-20WW (cased) Washington and the property of | PM-2 | 372042116340501 | 37°20'42" | 116°34'05" | 05/01/1966 | 5591.8 | 8788. | 2506. | 8788. | 13 | 02/04/2003 | 858.88 | | V | 1 |
| U-20 WW (cased) 371505116254501 37°15′05″ 116°25′45″ 07/22/1985 6467.6 3268. 2271. 3268 2 02/04/2003 2052.79 V 1 03/24/2003 2052.77 V 1 06/05/2003 2052.76 V 1 09/16/2003 2054.32 R V 1 09/16/2003 2054.32 V 1 09/16/2003 2137.48 V 1 09/16/2003 2137.32 V 1 09/16/2003 2137.32 V 1 09/16/2003 2137.32 V 1 09/16/2003 2137.32 V 1 09/16/2003 2137.34 V 1 09/16/2003 2137.34 V 1 09/16/2003 2137.34 V 1 09/16/2003 212.62 V 1 09/16/2003 2040.80 V 1 09/16/2003 2040.87 V 1 09/16/2003 2040.87 V 1 09/16/2003 2040.87 V 1 09/16/2003 2040.87 V 1 09/16/2003 2040.80 V 1 09/16/2003 2040.87 | | | | | | | | | | | 03/24/2003 | 858.83 | | V | 1 |
| U-20 WW (cased) (cased | | | | | | | | | | | 06/03/2003 | 858.86 | | V | 1 |
| (cased) (cased | | | | | | | | | | | 09/22/2003 | 858.94 | | V | 1 |
| U-20bg 371414116242901 37°14′14″ 116°24′29″ 12/19/1990 6567.2 2200. 58 2200 2 005/2003 2054.32 R V 1 U-20bg 371414116242901 37°14′14″ 116°24′29″ 12/19/1990 6567.2 2200. 58 2200 2 0205/2003 2137.19 V 1 03/25/2003 2137.48 V 1 06/09/2003 2137.32 V 1 09/22/2003 2137.44 V 1 UE-20bh 1 371442116243301 37°14′42″ 116°24′33″ 09/29/1991 6636.6 2810. 1936. 2810. 1936. 2810. 1 0205/2003 212.69 V 1 03/25/2003 2212.69 V 1 03/25/2003 2212.69 V 1 03/25/2003 2212.66 V 1 09/22/2003 2040.80 V 1 03/24/2003 2040.87 V 1 06/05/2003 2040.80 V 1 03/24/2003 164.44 V 1 09/29/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.45 V 1 06/24/2003 1164.45 V 1 06/24/2003 1164.45 V 1 06/25/2003 1735.66 V 1 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | U -20 WW | 371505116254501 | 37°15'05" | 116°25'45" | 07/22/1985 | 6467.6 | 3268. | 2271. | 3268 | 2 | 02/04/2003 | 2052.79 | | V | 1 |
| UE-20bg 371414116242901 37°14'14" 116°24'29" 12/19/1990 6567.2 2200. 58 2200 2 02/05/2003 2137.19 V 1 03/25/2003 2137.48 V 1 06/09/2003 2137.32 V 1 09/22/2003 2137.44 V 1 1 09/22/2003 213.44 V 1 1 09/22/2003 2040.80 V 1 1 09/32/2003 2040.80 V 1 09/32/2003 2040.80 V 1 1 09/32/2003 2040.80 V | (cased) | | | | | | | | | | 03/24/2003 | 2052.77 | | V | 1 |
| U-20bg 371414116242901 37°14′14″ 116°24′29″ 12/19/1990 6567.2 2200. 58 2200 2 02/05/2003 2137.19 V 1 03/25/2003 2137.48 V 1 06/09/2003 2137.32 V 1 06/09/2003 2137.32 V 1 09/22/2003 2137.44 V 1 1 09/22/2003 2121.69 V 1 06/09/2003 2212.69 V 1 06/09/2003 2212.60 V 1 06/09/2003 2212.60 V 1 06/09/2003 2212.60 V 1 09/22/2003 2040.80 V 1 09/22/2003 2040.80 V 1 06/05/2003 2040.80 V 1 06/05/2003 2040.80 V 1 06/05/2003 2040.80 V 1 06/24/2003 2040.80 V 1 06/24 | | | | | | | | | | | 06/05/2003 | 2052.76 | | V | 1 |
| UE-20bh 1 371442116243301 37°14'42" 116°24'33" 09/29/1991 6636.6 2810. 1936. 2810. 1 02/05/2003 2137.44 V 1 09/22/2003 212.69 V 1 03/25/2003 2212.69 V 1 03/25/2003 2212.66 V 1 09/22/2003 2040.80 V 2 09/22/2003 2040.80 V 2 09/ | | | | | | | | | | | 09/16/2003 | 2054.32 | R | V | 1 |
| UE-20bh 1 371442116243301 37°14'42" 116°24'33" 09/29/1991 6636.6 2810. 1936. 2810. 1936. 2810. 1 02/05/2003 2137.32 V 1 UE-20bh 1 371442116243301 37°14'42" 116°24'33" 09/29/1991 6636.6 2810. 1936. 2810. 1 02/05/2003 2212.69 V 1 06/09/2003 2212.66 V 1 09/22/2003 2212.66 V 1 09/22/2003 2212.66 V 1 09/22/2003 2212.66 V 1 09/22/2003 2212.86 V 1 09/22/2003 2212.86 V 1 09/22/2003 2040.80 V 1 03/24/2003 2040.80 V 1 06/05/2003 2040.98 V 1 06/05/2003 2040.98 V 1 09/16/2003 2040.80 V 1 06/05/2003 104.45 V 1 06/24/2003 1164.45 V 1 06/24/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.45 V 1 06/24/2003 1164.37 V 1 06/25/2003 1735.66 V 1 | U -20bg | 371414116242901 | 37°14'14" | 116°24'29" | 12/19/1990 | 6567.2 | 2200. | 58 | 2200 | 2 | 02/05/2003 | 2137.19 | | V | 1 |
| UE-20bh 1 371442116243301 37°14′42" 116°24′33" 09/29/1991 6636.6 2810. 1936. 2810. 1 02/05/2003 2212.69 V 1 03/25/2003 2212.60 V 1 06/09/2003 2212.86 V 1 09/22/2003 2212.86 V 1 09/22/2003 2212.86 V 1 09/22/2003 240.80 V 1 06/05/2003 2040.80 V 1 06/05/2 | | | | | | | | | | | 03/25/2003 | 2137.48 | | V | 1 |
| UE-20bh 1 | | | | | | | | | | | 06/09/2003 | 2137.32 | | V | 1 |
| UE-20n 1 371425116251902 37°14'25" 116°25'19" 06/10/1987 6460.7 2834. 2282. 2834. 3 02/04/2003 2212.86 V 1 (2834 ft) | | | | | | | | | | | 09/22/2003 | 2137.44 | | V | 1 |
| UE-20n 1 371425116251902 37°14′25" 116°25′19" 06/10/1987 6460.7 2834. 2282. 2834. 3 02/04/2003 2040.80 V 1 (2834 ft) Can 1 | UE-20bh 1 | 371442116243301 | 37°14'42" | 116°24'33" | 09/29/1991 | 6636.6 | 2810. | 1936. | 2810. | 1 | 02/05/2003 | 2212.69 | | V | 1 |
| UE-20n 1 | | | | | | | | | | | 03/25/2003 | 2212.96 | | V | 1 |
| UE-20n 1 (2834 ft) 371425116251902 37°14'25" 116°25'19" 06/10/1987 6460.7 2834. 2282. 2834. 3 02/04/2003 2040.80 V 1 (2834 ft) 03/24/2003 2040.87 V 1 (2834 ft) 06/05/2003 2040.80 V 1 (2834 ft) 06/05/2003 2040.80 V 1 (2834 ft) 09/16/2003 2040.80 V 1 (2834 ft) 09/16 | | | | | | | | | | | 06/09/2003 | 2212.62 | | V | 1 |
| (2834 ft) | | | | | | | | | | | 09/22/2003 | 2212.86 | | V | 1 |
| SM-23-1 363905116005801 36°39'05" 116°00'58" 3543.4 1338. 1302. 1332. 1 12/31/2002 1164.34 V 1 03/20/2003 1164.45 V 1 09/29/2003 1164.37 V 1 AREA 27 TW-F 364534116065902 36°45'34" 116°06'59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 03/21/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | UE-20n 1 | 371425116251902 | 237°14'25" | 116°25'19" | 06/10/1987 | 6460.7 | 2834. | 2282. | 2834. | 3 | 02/04/2003 | 2040.80 | | V | 1 |
| SM-23-1 363905116005801 36°39'05" 116°00'58" 3543.4 1338. 1302. 1332. 1 12/31/2002 1164.34 V 1 03/20/2003 1164.45 V 1 06/24/2003 1164.37 V 1 AREA 27 TW-F 364534116065902 36°45'34" 116°06'59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | (2834 ft) | | | | | | | | | | 03/24/2003 | 2040.87 | | V | 1 |
| SM-23-1 363905116005801 36°39'05" 116°00'58" 3543.4 1338. 1302. 1332. 1 12/31/2002 1164.34 V 1 03/20/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.37 V 1 SAFEA 27 TW-F 364534116065902 36°45'34" 116°06'59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | | | | | | | | | | | 06/05/2003 | 2040.98 | | V | 1 |
| SM-23-1 363905116005801 36°39'05" 116°00'58" 3543.4 1338. 1302. 1332. 1 12/31/2002 1164.34 V 1 03/20/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.37 V 1 1 09/29/200 | | | | | | | | | | | 09/16/2003 | 2040.80 | | V | 1 |
| 03/20/2003 1164.45 V 1 06/24/2003 1164.44 V 1 09/29/2003 1164.37 V 1 03/11/2003 1735.84 V 1 06/25/2003 1735.66 V 1 06/25/2003 173 | | | | | | AREA | . 22 | | | | | | | | |
| TW-F 364534116065902 36°45°34" 116°06′59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 (3400 ft) | SM-23-1 | 363905116005801 | 36°39'05" | 116°00'58" | | 3543.4 | 1338. | 1302. | 1332. | 1 | 12/31/2002 | 1164.34 | | V | 1 |
| TW-F 364534116065902 36°45°34" 116°06′59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 (3400 ft) 06/25/2003 1735.66 V 1 | | | | | | | | | | | 03/20/2003 | 1164.45 | | V | 1 |
| TW-F 364534116065902 36°45'34" 116°06'59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 (3400 ft) 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | | | | | | | | | | | 06/24/2003 | 1164.44 | | V | 1 |
| TW-F 364534116065902 36°45'34" 116°06'59" 06/12/1962 4142.7 3400. 3150. 3400. 2 12/09/2002 1735.84 V 1 (3400 ft) 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | | | | | | | | | | | 09/29/2003 | 1164.37 | | V | 1 |
| (3400 ft) 03/11/2003 1735.55 V 1 06/25/2003 1735.66 V 1 | | | | | | AREA | . 27 | | | | | | | | |
| 06/25/2003 1735.66 V 1 | TW-F | 364534116065902 | 2 36°45'34" | 116°06'59" | 06/12/1962 | 4142.7 | 3400. | 3150. | 3400. | 2 | 12/09/2002 | 1735.84 | | V | 1 |
| | (3400 ft) | | | | | | | | | | 03/11/2003 | 1735.55 | | V | 1 |
| 07/14/2003 1735.48 V 1 | | | | | | | | | | | 06/25/2003 | 1735.66 | | V | 1 |
| | | | | | | | | | | | 07/14/2003 | 1735.48 | | V | 1 |

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE

Ground-water withdrawals at the Nevada Test Site (NTS) are compiled in cooperation with the U.S. Department of Energy Hydrologic Resources Management Programs. The data are provided by Bechtel Nevada. The following data have been reviewed according to quality-assurance requirements specific to the Nevada Test Site. The following sites are shown in figure 37.

| | | | | Ground-Wate
for Water | |
|------------------------|----------------|-----------|------------|--------------------------|---------------------|
| Station Identification | Hole
Number | Latitude | Longitude | Month | Millions of Gallons |
| 365011115584702 | UE- 5c WW | 36°50'11" | 115°58'47" | October | 0.000 |
| | | | | November | 0.000 |
| | | | | December | 0.000 |
| | | | | January | 0.087 |
| | | | | February | 0.000 |
| | | | | March | 0.000 |
| | | | | April | 0.000 |
| | | | | May | 0.000 |
| | | | | June | 0.000 |
| | | | | July | 0.000 |
| | | | | August | 0.000 |
| | | | | September | 0.000 |
| | | | | Total | 0.087 |
| 364805115580801 | WW- 5B | 36°48'05" | 115°58'08" | October | 2.573 |
| | | | | November | 2.365 |
| | | | | December | 3.470 |
| | | | | January | 1.630 |
| | | | | February | 2.442 |
| | | | | March | 3.259 |
| | | | | April | 2.446 |
| | | | | May | 2.836 |
| | | | | June | 2.595 |
| | | | | July | 2.157 |
| | | | | August | 2.305 |
| | | | | September | 2.572 |
| | | | | Total | 30.653 |
| 364708115574401 | WW- 5C | 36°47'20" | 115°57'49" | October | 1.702 |
| | | | | November | 2.302 |
| | | | | December | 2.564 |
| | | | | January | 2.017 |
| | | | | February | 1.682 |
| | | | | March | 2.207 |
| | | | | April | 1.765 |
| | | | | May | 1.934 |
| | | | | June | 1.120 |
| | | | | July | 1.061 |
| | | | | August | 1.528 |
| | | | | September | 1.651 |
| | | | | Total | 21.534 |
| 65418116012601 | WW- 4 | 36°54'18" | 116°01'26" | October | 3.538 |
| | | | | November | 2.675 |
| | | | | December | 1.779 |
| | | | | January | 2.266 |
| | | | | February | 0.129 |
| | | | | March | 1.227 |
| | | | | April | 2.184 |
| | | | | May | 1.980 |
| | | | | June | 3.664 |
| | | | | July | 3.628 |
| | | | | August | 3.758 |
| | | | | September | 3.416 |
| | | | | Total | 30.243 |

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

| | | | | | er Withdrawals
Year 2003 |
|------------------------|----------------|-----------|------------|--|---|
| Station Identification | Hole
Number | Latitude | Longitude | Month | Millions of
Gallons |
| 365412116013901 | WW- 4A | 36°54'12" | 116°01'39" | October
November
December
January
February | 5.683
5.793
4.867
6.678
6.926 |
| | | | | March
April
May
June
July | 6.030
4.312
5.393
6.887
6.048 |
| | | | | August
September
Total | 6.060
6.782
71.460 |
| 365500116003901 | WW- C-1 | 36°55'00" | 116°00'39" | October
November | 2.650
1.041 |
| | | | | December
January
February | 1.735
1.384
0.342 |
| | | | | March
April
May
June | 0.944
1.835
2.026
2.104 |
| | | | | July August September | 1.412
1.164
1.102 |
| | | | | Total | 17.740 |
| 370412116095101 | UE-16d WW | 37°04'12" | 116°09'51" | October
November
December | 0.901
0.644
0.831 |
| | | | | January
February
March | 2.159
2.510
0.340 |
| | | | | April
May
June | 0.353
6.077
5.981 |
| | | | | July
August
September | 5.352
3.777
2.374 |
| | | | | Total | 31.300 |
| 370956116172101 | WW- 8 | 37°09'56" | 116°17'21" | October
November
December | 1.205
1.086
0.879 |
| | | | | January
February
March | 0.904
0.761
0.941 |
| | | | | April
May
June | 0.685
1.612
1.859 |
| | | | | July August September Total | 1.340
1.547
2.717
15.535 |

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

| | | | | | r Withdrawals
Year 2003 |
|------------------------|----------------|-----------|------------|-----------|----------------------------|
| Station Identification | Hole
Number | Latitude | Longitude | Month | Millions of
Gallons |
| 363530116021401 | Army 1 WW | 36°35'30" | 116°02'14" | October | 4.392 |
| | | | | November | 2.706 |
| | | | | December | 2.409 |
| | | | | January | 4.517 |
| | | | | February | 4.337 |
| | | | | March | 5.416 |
| | | | | April | 4.892 |
| | | | | May | 2.930 |
| | | | | June | 1.869 |
| | | | | July | 5.043 |
| | | | | August | 4.108 |
| | | | | September | 4.274 |
| | | | | Total | 46.894 |
| 364554116232401 | J -12 WW | 36°45'54" | 116°23'24" | October | 0.353 |
| | | | | November | 0.280 |
| | | | | December | 0.647 |
| | | | | January | 0.778 |
| | | | | February | 0.723 |
| | | | | March | 0.592 |
| | | | | April | 0.596 |
| | | | | May | 0.828 |
| | | | | June | 1.284 |
| | | | | July | 1.780 |
| | | | | August | 1.986 |
| | | | | September | 1.003 |
| | | | | Total | 10.850 |
| 364828116234001 | J -13 WW | 36°48'28" | 116°23'40" | October | 0.498 |
| | | | | November | 0.402 |
| | | | | December | 0.176 |
| | | | | January | 0.366 |
| | | | | February | 0.242 |
| | | | | March | 0.021 |
| | | | | April | 0.000 |
| | | | | May | 0.000 |
| | | | | June | 0.000 |
| | | | | July | 0.000 |
| | | | | August | 0.000 |
| | | | | September | 0.000 |
| | | | | Total | 1.705 |

SPRING DISCHARGE

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic discharge measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project. The following sites are shown in figure 37.

Measurement Method--C, current meter; V, volumetric Abbreviations--GPM, gallons per minute. Elevation--land-surface datum.

| | | | | Elevation
(Feet | Me | asurements | S |
|--------------------|---------------------|------------------------|------------------------|--------------------|------------|--------------------|--------|
| Spring Number | Spring Name | Site
Identification | Owner | above sea | Date | Discharge
(GPM) | Method |
| | Spring Frame | | | 10 (01) | | (01111) | |
| 230 S17 E50 09AD 1 | Fairbanks Spring | 362924116203001 | U.S. Fish and Wildlife | 2250. | 02/19/2002 | 1600. | C |
| | | | Service | | 05/08/2002 | 1500. | C |
| | | | | | 09/24/2002 | 1600. | C |
| | | | | | 11/22/2002 | 1600. | C |
| 230S17 E50 23BBCA1 | USFWS - Five Spring | 362755116190401 | U.S. Fish and Wildlife | 2367.4 | 01/08/2002 | 39. | V |
| | | | Service | | 02/07/2002 | 39. | V |
| | | | | | 03/15/2002 | 38. | V |
| | | | | | 04/22/2002 | 37. | V |
| | | | | | 05/07/2002 | 38. | V |
| | | | | | 06/14/2002 | 36. | V |
| | | | | | 07/04/2002 | 37. | V |
| | | | | | 08/07/2002 | 35. | V |
| | | | | | 09/11/2002 | 40. | V |
| | | | | | 10/25/2002 | 40. | V |
| | | | | | 11/07/2002 | 42. | V |
| | | | | | 12/09/2002 | 41. | V |
| 230S18 E50 03ADBA1 | Crystal Pool | 362502116192301 | U.S. Fish and Wildlife | 2195. | 02/19/2002 | 2800. | C |
| | | | Service | | 05/09/2002 | 3000. | C |
| | | | | | 09/24/2002 | 2500. | C |
| | | | | | 11/14/2002 | 2700. | C |
| 230S18 E51 19ACB 1 | Big Spring | 362230116162001 | U.S. Fish and Wildlife | 2240. | 02/20/2002 | 1000. | C |
| | | | Service | | 05/09/2002 | 920. | C |
| | | | | | 09/24/2002 | 980. | C |
| | | | | | 11/19/2002 | 1100. | C |
| 243026N002E13FS01S | Navel Spring | 362252116425301 | U.S. Borax | 2080. | 02/20/2002 | 0.92 | V |
| | | | | | 05/07/2002 | 0.93 | V |
| | | | | | 08/06/2002 | 0.89 | V |
| | | | | | 11/21/2002 | 0.92 | V |
| 243027N001E23BS01S | Texas Spring | 362728116501101 | National Park Service | 400. | 02/20/2002 | 200. | C |
| | | | | | 05/07/2002 | 200. | C |
| | | | | | 08/06/2002 | 180. | C |
| | | | | | 11/21/2002 | 200. | C |

GROUND-WATER LEVELS

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic water-level measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data, which do not include continual records developed from pressure-sensor data, have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project. The following sites are shown in figure 37.

Site Number—Sites are grouped by hydrographic area and, within each area, are listed in general north-to-south, then west-to-east order. Elevation--Land surface datum.

Water Level Status--F, site was flowing; P, site was being pumped; R, site had been pumped recently; Z, measurement made in pump discharge column. Water Level Method--S, steel tape; V, calibrated electric-tape

Water Level Accuracy--1, water level accurate to the nearest tenth of a foot; 2, water level accurate to the nearest one-hundreth of a foot.

| Site | | | Site (| Elevation
(Feet Above | Well | | | | | |
|-----------|--------------------|---------------|-----------------|--------------------------|--------|------------|--------|--------|--------|----------|
| | Local Site Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy |
| CF- 1a 22 | 29 S12 E48 07ADD 1 | GEXA Well 3 | 365445116383901 | 4080.9 | 700. | 01/09/2002 | 174.86 | | S | 2 |
| | | | | | | 02/06/2002 | 175.20 | | S | 2 |
| | | | | | | 03/27/2002 | 175.43 | | S | 2 |
| | | | | | | 04/22/2002 | 175.78 | | S | 2 |
| | | | | | | 05/02/2002 | 175.72 | | S | 2 |
| | | | | | | 06/20/2002 | 176.08 | | S | 2 |
| | | | | | | 07/03/2002 | 176.23 | | S | 2 |
| | | | | | | 08/26/2002 | 176.62 | | S | 2 |
| | | | | | | 09/12/2002 | 176.68 | | S | 2 |
| | | | | | | 10/24/2002 | 176.96 | | S | 2 |
| | | | | | | 11/12/2002 | 177.30 | | S | 2 |
| | | | | | | 12/09/2002 | 177.38 | | S | 2 |
| CF- 2 22 | 29 S13 E48 27C 1 | USW VH-1 | 364732116330701 | 3161.1 | 2501. | 01/17/2002 | 603.73 | | S | 1 |
| | | | | | | 02/06/2002 | 603.75 | | V | 1 |
| | | | | | | 03/27/2002 | 603.60 | | V | 1 |
| | | | | | | 04/22/2002 | 603.69 | | V | 1 |
| | | | | | | 05/02/2002 | 603.66 | | V | 1 |
| | | | | | | 06/26/2002 | 603.55 | | V | 1 |
| | | | | | | 07/03/2002 | 603.53 | | V | 1 |
| | | | | | | 08/13/2002 | 603.64 | | S | 1 |
| | | | | | | 09/24/2002 | | | V | 1 |
| | | | | | | 10/24/2002 | | | V | 1 |
| | | | | | | 11/19/2002 | 603.76 | | V | 1 |
| | | | | | | 12/12/2002 | 603.58 | | V | 1 |
| CF- 3 22 | 29 S14 E48 36DDD 1 | Crater Flat 3 | 364105116302601 | 2725.6 | 460. | 01/09/2002 | 331.25 | | S | 1 |
| | | | | | | 02/06/2002 | | | S | 1 |
| | | | | | | 03/25/2002 | | | S | 1 |
| | | | | | | 04/22/2002 | | | S | 1 |
| | | | | | | 05/02/2002 | | | S | 1 |
| | | | | | | 06/20/2002 | | | S | 1 |
| | | | | | | 07/03/2002 | | | S | 1 |
| | | | | | | 08/26/2002 | | | S | 1 |
| | | | | | | 09/24/2002 | | | S | 1 |
| | | | | | | 10/25/2002 | | | S | 1 |
| | | | | | | 11/22/2002 | | | S | 1 |
| | | | | | | 12/05/2002 | | | S | 1 |
| JF- 1 22 | 27A S12 E50 33A 1 | UE-25 WT 15 | 365116116233801 | 3553.8 | 1360. | 01/16/2002 | | | S | 1 |
| | | | | | | 02/11/2002 | | | V | 1 |
| | | | | | | 03/21/2002 | | | V | 1 |
| | | | | | | 04/29/2002 | | | V | 1 |
| | | | | | | 05/23/2002 | | | v | 1 |
| | | | | | | 06/19/2002 | | | v | 1 |
| | | | | | | 07/10/2002 | | | v | 1 |
| | | | | | | 08/14/2002 | | | S | 1 |
| | | | | | | 09/23/2002 | | | V | 1 |
| | | | | | | 10/10/2002 | | | v | 1 |
| | | | | | | | | | | |
| | | | | | | 11/30/2002 | 116047 | | V | 1 |

| Number Coad Well Number Soution Nu | Site | | | Site | Elevation
(Feet Above | Well
Depth | Water | Level (Bo | elow La | nd Surfac | e) |
|--|--------|---------------------|---------------------------|-----------------|--------------------------|---------------|------------|-----------|---------|-----------|----------|
| | Numbe | r Local Well Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy |
| | JF- 2a | 227A S13 E49 14A2 | UE-25p 1 PTH (Lwr Intrvl) | 364938116252102 | 3655.5 | 5923 | | | | | _ |
| 1-10 | | | | | | | | | | | |
| 1-12 | | | | | | | | | | | |
| 1-13 | | | | | | | | | | | |
| 14-14-14-14-14-14-14-14-14-14-14-14-14-1 | | | | | | | | | | | _ |
| 1-13 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 1 | | | | | | | | | | | 1 |
| 1 | | | | | | | 10/10/2002 | 1184.34 | | V | 1 |
| 1 | | | | | | | 11/18/2002 | 1184.72 | | V | 1 |
| 1 | | | | | | | 12/05/2002 | 1184.62 | | | 1 |
| 1 | J -13 | 227A S13 E50 19C1 | J -13 WW | 364828116234001 | 3317.9 | 3488. | | | | | _ |
| 1 | | | | | | | | | P | | |
| 1 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 1-11 1-12 1-13 | | | | | | | | | | | |
| 1-11 1-12 | | | | | | | | | | | 1 |
| | | | | | | | 11/18/2002 | 927.43 | | V | 1 |
| | | | | | | | 12/05/2002 | 927.35 | | V | 1 |
| 1 | J -11 | 227A S13 E51 31B1 | J -11 WW | 364706116170601 | 3442.8 | 1327. | 01/16/2002 | 1040.20 | | S | 1 |
| 1 | | | | | | | | | | | 1 |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | | | |
| Part | | | | | | | | | | | |
| Bartin | | | | | | | | | | | |
| 12/13/2002 104.32 104.24 | | | | | | | | | | | 1 |
| 1 | | | | | | | | | | V | 1 |
| 1 | J -12 | 227A S14 E50 06A2 | J -12 WW | 364554116232401 | 3128.4 | 1139. | 01/16/2002 | 739.81 | | S | 1 |
| A | | | | | | | 02/11/2002 | 739.78 | | V | 1 |
| Barrier Barr | | | | | | | 03/21/2002 | 739.85 | | V | 1 |
| December 1 | | | | | | | | | | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | 1 |
| Best | | | | | | | | | | | 1 |
| The second sec | | | | | | | | | | | 1 |
| The second sec | | | | | | | | | | | 1 |
| The second sec | | | | | | | | | | | 1 |
| JF- 3 227A \$14 E50 06D1 | | | | | | | | | | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | JF- 3 | 227A S14 E50 06D1 | JF- 3 Well | 364528116232201 | 3098.3 | 1138. | 01/15/2002 | 709.69 | | V | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | 02/11/2002 | 709.87 | | V | 1 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | 03/21/2002 | 709.82 | | V | 1 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | 1 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | 1 |
| 08/08/2002 709.80 V 1 09/23/2002 709.74 V 1 10/09/2002 709.69 V 1 10/10/2002 709.64 V 1 10/28/2002 709.72 V 1 11/18/2002 709.82 V 1 | | | | | | | | | | | 1 |
| 09/23/2002 709.74 V 1 10/09/2002 709.69 V 1 10/10/2002 709.64 V 1 10/28/2002 709.72 V 1 11/18/2002 709.82 V 1 | | | | | | | | | | | 1 |
| 10/09/2002 709.69 V 1
10/10/2002 709.64 V 1
10/28/2002 709.72 V 1
11/18/2002 709.82 V 1 | | | | | | | | | | | 1
1 |
| 10/10/2002 709.64 V 1
10/28/2002 709.72 V 1
11/18/2002 709.82 V 1 | | | | | | | | | | | 1 |
| 10/28/2002 709.72 V 1
11/18/2002 709.82 V 1 | | | | | | | | | | | 1 |
| 11/18/2002 709.82 V 1 | | | | | | | | | | | 1 |
| | | | | | | | | | | | |
| | | | | | | | 12/05/2002 | 709.84 | | V | 1 |

| Site | | | Site | | (Feet Above Depth | Well
Depth | , | | | | |
|----------|----------------------|---------------------------|-----------------|------------|-------------------|--------------------------|------------------|--------|--------|----------|--|
| Number | Local Well Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy | |
| RV- 1 | 226 S15 E50 24A1 | TW- 5 | 363815116175901 | 3056.0 | 800. | 01/09/2002 | 677.30 | | V | 1 | |
| | | | | | | 02/06/2002 | 677.39 | | V | 1 | |
| | | | | | | 03/25/2002 | 677.42 | | V | 1 | |
| | | | | | | 04/18/2002 | 677.34 | | V | 1 | |
| | | | | | | 05/08/2002 | 677.44 | | V | 1 | |
| | | | | | | 06/14/2002 | 677.45 | | V | 1 | |
| | | | | | | 07/03/2002 | 677.63 | | V | 1 | |
| | | | | | | 08/09/2002 | 677.71 | | V | 1 | |
| | | | | | | 09/13/2002 | 677.70 | | V | 1 | |
| | | | | | | 10/10/2002 | 677.56 | | V | 1 | |
| | | | | | | 11/19/2002 | 677.80 | | V | 1 | |
| MX7 1 | 225 C16 E52 O5 ADD 1 | A 1 XVXV | 262520116021401 | 2152.2 | 1052 | 12/12/2002 | 677.73 | 7 | V | 1 | |
| IVI V- 1 | 225 S16 E53 05ADB 1 | Army I w w | 363530116021401 | 3153.3 | 1953. | 01/14/2002 | 786.04 | Z
Z | V
V | 1
1 | |
| | | | | | | 02/11/2002 | 786.37 | | V | | |
| | | | | | | 03/25/2002
04/29/2002 | 786.54
786.57 | Z
Z | V | 1
1 | |
| | | | | | | 05/13/2002 | 786.83 | Z | V | 1 | |
| | | | | | | 06/24/2002 | 786.99 | Z | V | 1 | |
| | | | | | | 07/29/2002 | 786.82 | Z | V | 1 | |
| | | | | | | 08/26/2002 | 786.70 | Z | V | 1 | |
| | | | | | | 09/23/2002 | 786.69 | Z | V | 1 | |
| | | | | | | 10/28/2002 | 786.51 | Z | V | 1 | |
| | | | | | | 11/12/2002 | 786.85 | Z | v | 1 | |
| | | | | | | 12/09/2002 | 785.88 | Z | v | 1 | |
| ΔD- 1 | 230 S14 E47 32DA 1 | NA-6 Deep Well (BGMW-10) | 364141116351401 | 2627.9 | 960. | 01/09/2002 | 269.59 | | S | 1 | |
| AD- I | 230 314 L47 32DA 1 | To beep well (Bolli w 10) | 304141110331401 | 2021.) | 700. | 02/06/2002 | 269.69 | | S | 1 | |
| | | | | | | 03/27/2002 | 269.75 | | S | 1 | |
| | | | | | | 04/22/2002 | 269.81 | | S | 1 | |
| | | | | | | 05/02/2002 | 269.82 | | S | 1 | |
| | | | | | | 06/20/2002 | 269.84 | | S | 1 | |
| | | | | | | 07/03/2002 | 269.71 | | S | 1 | |
| | | | | | | 08/26/2002 | 269.69 | | S | 1 | |
| | | | | | | 09/24/2002 | 269.77 | | S | 1 | |
| | | | | | | 10/24/2002 | 269.75 | | S | 1 | |
| | | | | | | 11/12/2002 | 269.99 | | S | 1 | |
| | | | | | | 12/09/2002 | 269.76 | | S | 1 | |
| AD- 2 | 230 S15 E49 24ABB 1 | Airport Well | 363830116241401 | 2638.8 | 750. | 01/09/2002 | 325.24 | | S | 1 | |
| | | 1 | | | | 02/06/2002 | 325.37 | | S | 1 | |
| | | | | | | 03/25/2002 | 325.58 | | S | 1 | |
| | | | | | | 04/18/2002 | 325.51 | | S | 1 | |
| | | | | | | 05/02/2002 | | | S | 1 | |
| | | | | | | 06/14/2002 | 325.38 | | S | 1 | |
| | | | | | | 07/03/2002 | 325.20 | | S | 1 | |
| | | | | | | 08/26/2002 | 325.43 | | S | 1 | |
| | | | | | | 09/12/2002 | 325.62 | | S | 1 | |
| | | | | | | 10/25/2002 | 325.46 | | S | 1 | |
| | | | | | | 11/12/2002 | 325.71 | | S | 1 | |
| | | | | | | 12/09/2002 | 325.54 | | S | 1 | |
| AD- 2a | 230 S15 E50 18CCDB | 1 NDOT - Well | 363835116234001 | 2656.8 | 495. | 01/07/2002 | 341.93 | | S | 1 | |
| | | | | | | 02/06/2002 | 341.50 | | S | 1 | |
| | | | | | | 03/25/2002 | 341.91 | | S | 1 | |
| | | | | | | 04/19/2002 | 341.93 | | S | 1 | |
| | | | | | | 05/02/2002 | | | S | 1 | |
| | | | | | | 06/20/2002 | | | S | 1 | |
| | | | | | | 07/03/2002 | 342.58 | | S | 1 | |
| | | | | | | 08/26/2002 | | | S | 1 | |
| | | | | | | 09/12/2002 | | | S | 1 | |
| | | | | | | 10/10/2002 | | | S | 1 | |
| | | | | | | 11/12/2002 | | | S | 1 | |
| | | | | | | 12/09/2002 | 342.14 | | S | 1 | |

| Number Local Well Number Salium Name | Site | | | | Well
Depth | Water | Level (Bo | Below Land Surface) | | |
|---|-----------------------------|----------------------|-----------------|------------|---------------|------------|-----------|---------------------|----------|--|
| 18 18 18 18 18 18 18 18 | Number Local Well Number | Station Name | Identification | Sea Level) | - | Date | (Feet) | Status Method A | Accuracy | |
| Section Sect | AD- 3a 230 S16 E48 05CAB 1 | Amargosa Desert 3a | 363521116352501 | 2395.3 | 240. | | 133.14 | | | |
| Section Sect | | | | | | | | | | |
| AD-4a 230 S16 E50 07CABB1 Amargosa Desert 4a AD-5 230 S16 E40 18DCCA1 USBLM Well AD-5 230 S16 E40 18DCCA1 USBLM Well AD-5 230 S16 E40 18DCCA1 USBLM Well AD-6 230 S16 E51 27BAA 3 Tracer Well 3 AD-6 230 S16 E51 27BAA 3 Amargosa Desert 7a AD-6 230 S16 E51 27BAA 3 Amargosa Desert 7a AD-7a 230 S17 F48 01AB 3 Amargosa Dese | | | | | | | | | | |
| See 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | |
| AD-4a 230 S16 E50 07CABRI Amargosa Desert 4a | | | | | | | | | | |
| AD-4a 290 S16 E50 OTCABB Amargosa Desert 4a AD-4a 290 S16 E50 OTCABB Amargosa Desert 7a AD-4a 290 S16 E50 S16 E50 OTCABB Amargosa Desert 7a AD-4a 290 S16 E50 OTCABB Amargosa Desert 7a AD-4a 290 S16 E50 OTCABB Amargosa Desert 7a AD-4a 290 S17 E48 OIAB Amargosa Desert 7a AD-4a 290 S17 E48 OIAB Amargosa Desert 7a Amargosa Desert 7a AD-4a 290 S17 E48 OIAB Amargosa Desert 7a | | | | | | | | | | |
| AD-4 230 S16 E50 07CABB Amargosa Desert 4a | | | | | | | | | | |
| AD-4a 240 S16 E50 OTCABB I Amargosa Desert 4a | | | | | | | | | | |
| AD-4a 230 S16 ES0 07CARB1 Amargosa Desert 4a AD-4a 230 S16 ES0 07CARB1 Amargosa Desert 4a AD-5 230 S16 ES0 07CARB1 Amargosa Desert 4a AD-5 230 S16 ES1 27BAA 3 Tracer Well 3 AD-6 230 S16 ES1 27BAA 3 Tracer Well 3 AD-6 230 S16 ES1 27BAA 3 Amargosa Desert 7a AD-7a 230 S16 ES1 27BAA 3 Amargosa Desert 7a AD-7a 230 S16 ES1 27BAA 3 Amargosa Desert 7a AD-7a 230 S16 ES1 27BAA 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 A | | | | | | | | | | |
| AD-4s 230 S16 E50 07CABB Amargosa Desert 4a AD-5s 230 S16 E50 07CABB Amargosa Desert 4a AD-5s 230 S16 E49 ISDCCA USBLM Well AD-5s 230 | | | | | | | | | | |
| AD-4a 230 S16 E50 07CABBI Amargosa Desert 4a AB-5 230 S16 E50 07CABBI Amargosa Desert 4a AB-5 230 S16 E50 07CABBI Amargosa Desert 4a AB-6 230 S16 E51 27BAA 3 Tracer Well 3 AD-6 230 S16 E51 27BAA 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AB-7a 230 S17 E48 01AB 3 | | | | | | | | | | |
| Control Cont | AD 40 220 \$16 E50 07CAPP1 | Amargaga Dagart 4a | 262429116224701 | 2477.9 | 260 | | | | | |
| AD-5 230 S16 E49 IBDCCA1 USBLM Well 36331011629401 2376.4 348. 10172000 19.6 | AD- 4a 230 310 E30 07 CABB1 | Alliargosa Desert 4a | 303426110234701 | 2477.0 | 209. | | | | | |
| AP-1 1960 | | | | | | | | | | |
| AD-5 230 S16 E49 ISDCCA1 USBLM Well AD-5 230 236 E49 ISDCCA1 USBLM Well AD-5 230 316 E49 ISDCCA1 USBLM Well AD-6 230 316 E49 | | | | | | | | | | |
| AD-5 230 \$16 E49 \$18DCCA USBLM Well \$190 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.60 \$19.70 \$1 | | | | | | | | | | |
| AD-5 230 \$16 E49 18DCCA1 USBLM Well 363310116294001 2376.4 848. 0117.0002 119.76 \$ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | |
| AD- 230 S16 E49 I SDCCA USBLM Well 363310116294001 2376.4 348 01/17/2002 119.71 S 2 11/07/2002 119.71 S 2 11/07/2002 119.76 S 2 2 2 2 2 2 2 2 2 | | | | | | | | | | |
| Margine Marg | | | | | | | | | | |
| AD- 5 230 S16 E49 ISDCCA1 USBLM Well 363310116294001 2376.4 AD- 5 230 S16 E49 ISDCCA1 USBLM Well 461 AD- 5 230 S16 E49 | | | | | | | | | | |
| AD- 5 230 S16 E49 I8DCCAI USBLM Well 363310116294001 2376.4 AD- 5 230 S16 E49 I8DCCAI USBLM Well 363310116294001 2376.4 AD- 6 230 S16 E49 I8DCCAI USBLM Well 469 S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | |
| AD- 5 230 \$16 E49 18DCCA1 USBLM Well | | | | | | | | | | |
| AD- 5 230 \$16 E49 18DCCA1 USBLM Well | | | | | | | | | | |
| AD-6 230 S16 E51 27BAA 3 Tracer Well 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a AD-7a | AD- 5 230 S16 E49 18DCCA1 | USBLM Well | 363310116294001 | 2376.4 | 348. | 01/17/2002 | 129.05 | S | | |
| AD-6 230 S16 E51 27BAA 3 Tracer Well 3 Amargosa Desert 7a Am | | | | | | 02/07/2002 | 128.97 | | | |
| Control Cont | | | | | | 03/25/2002 | 128.92 | S | 2 | |
| AD- 6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 678. 01/14/2002 130.26 8 2 09/11/2002 131.25 8 2 09/11/2002 131.25 8 2 09/11/2002 131.25 8 2 09/11/2002 131.25 8 2 09/11/2002 131.25 8 2 09/11/2002 131.25 8 2 09/11/2002 131.26 8 2 09/11/2002 131.36 8 2 09/11/2002 41.79 8 2 09/11/2002 41.85 8 2 09/11/2002 41.85 8 2 09/11/2002 41.85 8 2 09/11/2002 41.81 8 2 09/11/2002 41.81 8 2 09/11/2002 41.81 8 2 09/11/2002 41.84 8 2 09/11/2002 41.84 8 2 09/11/2002 41.84 8 2 09/11/2002 41.85 8 2 09/11/2002 | | | | | | 04/23/2002 | 129.07 | S | 2 | |
| Bana | | | | | | 05/01/2002 | 129.09 | S | 2 | |
| AD-6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 678. 09/11/2002 130.23 S 2 11/07/2002 131.12 S 2 11/07/2002 131.25 S 2 11/07/2002 141.79 S 2 2 11/07/2002 141.81 S 2 11/07/200 | | | | | | 06/18/2002 | 129.58 | S | 2 | |
| AD- 6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 | | | | | | 07/02/2002 | 129.74 | S | 2 | |
| AD-6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 678. 10/24/2002 131.12 S 2 11/07/2002 131.25 S 2 11/07/2002 131.36 S 2 2 11/07/2002 131.36 S 2 2 11/07/2002 131.36 S 2 2 2 2 2 2 2 2 2 | | | | | | 08/16/2002 | | | | |
| AD- 6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 678. | | | | | | 09/11/2002 | 130.56 | | | |
| AD- 6 230 S16 E51 27BAA 3 Tracer Well 3 363213116133800 2402.3 678. 01/15/2002 41.85 S 2 02/06/2002 41.81 S 2 03/27/2002 41.81 S 2 03/27/2002 41.81 S 2 04/18/2002 41.85 S 2 03/27/2002 41.81 S 2 06/19/2002 41.81 S 2 06/19/2002 41.81 S 2 06/19/2002 41.81 S 2 06/19/2002 41.81 S 2 07/03/2002 41.85 S 2 07/0 | | | | | | 10/24/2002 | 131.12 | | | |
| AD- 6 230 \$16 E51 27BAA 3 Tracer Well 3 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 S17 E48 01AB 3 Amargosa Desert 7a 26009116302702 2005.0 S17 E48 01AB 3 E | | | | | | | | | | |
| AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 Fig. 18.1 S 2 AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 Fig. 2 30325/2002 78.05 S 2 AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 4.86 S 2 AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 4.87 S 2 AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 4.86 S 2 AD-7a 230 S17 E48 01AB 3 Amargosa Desert 7a 5.80 S 2 AD-7a 240 S17 E48 01AB 3 Amargos | AD- 6 230 S16 E51 27BAA 3 | Tracer Well 3 | 363213116133800 | 2402.3 | 678. | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 06/19/2002 41.85 S 2 AD- 7a 240 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 S 2 06/19/2002 77.01 S 2 07/02/2002 77.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.41 S 2 04/30/2002 78.41 S 2 06/19/2002 78.41 S 2 06/19/20 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 Page 11/08/2002 78.28 S 2 04/30/2002 78.28 S 2 06/19/2002 41.85 S 2 10/11/2002 41.85 S 2 11/06/2002 41.85 S 2 11/06/2002 41.86 S 2 11/08/2002 78.05 S 2 12/12/2002 77.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.28 S 2 04/30/2002 78.41 S 2 05/01/2002 78.41 S 2 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 S 2 04/29/2002 77.01 S 2 02/07/2002 77.01 S 2 02/07/2002 77.01 S 2 02/07/2002 77.01 S 2 02/07/2002 78.05 S 2 04/30/2002 78.01 S 2 05/01/2002 78.05 S 2 04/30/2002 78.05 S 2 04/30/2002 78.05 S 2 04/30/2002 78.05 S 2 04/30/2002 78.05 S 2 05/01/2002 78.05 S 2 05/01/2002 78.41 S 2 05/01/2002 78.05 S 2 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 41.81 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 S 2 02/07/2002 78.05 S 2 02/07/2002 77.01 S 2 02/07/2002 78.05 S 2 02/07/2002 78.05 S 2 02/07/2002 78.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.28 S 2 04/30/2002 78.41 S 2 05/01/2002 78.41 S 2 06/19/2002 81.46 S 2 06/07/2002 82.02 S 2 08/07/2002 84.03 S 2 09/11/2002 84.52 S 2 10/25/2002 84.52 S 2 11/07/2002 84.52 S 2 11/07/2002 84.52 S 2 11/07/2002 83.00 S 2 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 11/06/2002 41.84 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/10/2002 41.85 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 240 S1 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 240 S1 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 10/08/2002 78.05 S 2 AD- 7a 240 S1 E48 01AB 3 Amargosa Desert 7a 363009116 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 41.85 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 S 2 02/07/2002 77.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.28 S 2 04/30/2002 78.41 S 2 06/19/2002 78.41 S 2 06/19/2002 78.41 S 2 06/19/2002 81.46 S 2 06/19/2002 81.46 S 2 06/19/2002 82.02 S 2 08/07/2002 84.03 S 2 09/11/2002 84.03 S 2 10/25/2002 84.03 S 2 11/07/2002 84.52 S 2 11/07/2002 83.00 S 2 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210 11/06/2002 41.85 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210 01/08/2002 78.05 S 2 02/07/2002 77.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.28 S 2 04/30/2002 78.41 S 2 05/01/2002 78.41 S 2 06/19/2002 81.46 S 2 07/02/2002 82.02 S 2 08/07/2002 84.03 S 2 10/25/2002 84.03 S 2 11/07/2002 84.52 S 2 11/07/2002 83.00 S 2 | | | | | | | | | | |
| AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 11/06/2002 41.86 S 2 AD- 7a 230 S17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 S 2 02/07/2002 77.01 S 2 03/25/2002 76.70 S 2 04/29/2002 78.28 S 2 04/30/2002 78.41 S 2 05/01/2002 78.41 S 2 06/19/2002 78.41 S 2 06/19/2002 81.46 S 2 07/02/2002 82.02 S 2 08/07/2002 84.03 S 2 09/11/2002 84.03 S 2 10/25/2002 84.03 S 2 10/25/2002 83.00 S 2 11/07/2002 82.36 S 2 | | | | | | | | | | |
| AD- 7a 230 \$17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 \$ 2 | | | | | | | | | | |
| AD- 7a 230 \$17 E48 01AB 3 Amargosa Desert 7a 363009116302702 2305.0 210. 01/08/2002 78.05 \$ 2 02/07/2002 77.01 \$ 2 03/25/2002 76.70 \$ 2 03/25/2002 78.28 \$ 2 04/29/2002 78.28 \$ 2 04/30/2002 78.41 \$ 2 05/01/2002 78.41 \$ 2 | | | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | AD- 72 230 S17 F48 01 AB 3 | Amargosa Desert 7a | 363009116302702 | 2305.0 | 210 | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 74 230 ST7 E+0 0171B 3 | Amargosa Desert 7a | 303007110302702 | 2303.0 | 210. | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | |
| 04/30/2002 78.41 S 2 05/01/2002 78.41 S 2 06/19/2002 81.46 S 2 07/02/2002 82.02 S 2 08/07/2002 84.03 S 2 09/11/2002 84.52 S 2 10/25/2002 83.00 S 2 11/07/2002 82.36 S 2 | | | | | | | | | | |
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| 07/02/2002 82.02 S 2 08/07/2002 84.03 S 2 09/11/2002 84.52 S 2 10/25/2002 83.00 S 2 11/07/2002 82.36 S 2 | | | | | | | | | | |
| 08/07/2002 84.03 S 2
09/11/2002 84.52 S 2
10/25/2002 83.00 S 2
11/07/2002 82.36 S 2 | | | | | | | | | | |
| 09/11/2002 84.52 S 2
10/25/2002 83.00 S 2
11/07/2002 82.36 S 2 | | | | | | | | | | |
| 10/25/2002 83.00 S 2
11/07/2002 82.36 S 2 | | | | | | | | | | |
| 11/07/2002 82.36 S 2 | | | | | | | | | | |
| | | | | | | 11/07/2002 | | S | | |
| | | | | | | 12/13/2002 | 80.61 | | | |

| Site | | | Site | Elevation
(Feet Above | Well
Depth | Water | Level (Be | elow La | nd Surfac | ce) |
|----------|---------------------|--------------------|-----------------|--------------------------|---------------|--|-------------------------|---------|-------------|-------------|
| Number | Local Well Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy |
| AD- 8 2 | 30 S17 E52 08CDB 1 | Amargosa Desert 8 | 362929116085701 | 2394.3 | 215. | 01/07/2002
02/07/2002
03/25/2002 | 34.98
35.23
35.28 | | S
S
S | 2
2
2 |
| | | | | | | 04/22/2002
05/13/2002 | 35.30
35.33 | | S
S | 2 2 |
| | | | | | | 06/19/2002 | 35.47 | | S | 2 |
| | | | | | | 07/04/2002 | 35.29 | | S | 2 |
| | | | | | | 08/09/2002 | 35.46 | | S | 2 |
| | | | | | | 09/11/2002
10/28/2002 | 35.49
34.29 | R | S
S | 2 2 |
| | | | | | | 11/12/2002 | 35.39 | K | S | 2 |
| | | | | | | 12/09/2002 | 35.28 | | S | 2 |
| AD-9a 2 | 30 S17 E49 15BC 2 | Amargosa Desert 9a | 362835116264102 | 2260.1 | 415. | 01/08/2002 | 75.42 | | S | 2 |
| | | _ | | | | 02/07/2002 | 75.07 | | S | 2 |
| | | | | | | 03/25/2002 | 76.84 | | S | 2 |
| | | | | | | 04/22/2002 | 77.75 | | S | 2 |
| | | | | | | 05/01/2002 | 77.42 | | S | 2 |
| | | | | | | 06/24/2002 | 81.09 | | S | 2 |
| | | | | | | 07/02/2002
07/11/2002 | 81.12
79.75 | | S
S | 2 2 |
| | | | | | | 08/07/2002 | 82.30 | | S | 2 |
| | | | | | | 09/13/2002 | 80.79 | | S | 2 |
| | | | | | | 10/25/2002 | 81.01 | | S | 2 |
| | | | | | | 11/07/2002 | 79.24 | | S | 2 |
| | | | | | | 12/13/2002 | 78.74 | | S | 2 |
| AD-10 2 | 30 026N005E05E001S | S NA-9 Deep Well | 362525116274301 | 2190.9 | 1090. | 01/08/2002 | 13.84 | | S | 2 |
| | | | | | | 02/05/2002 | 13.74 | | S | 2 |
| | | | | | | 03/19/2002 | 13.60 | | S | 2 |
| | | | | | | 04/19/2002
05/01/2002 | 13.57
13.54 | | S
S | 2
2 |
| | | | | | | 06/14/2002 | 13.80 | | S | 2 |
| | | | | | | 07/02/2002 | 13.73 | | S | 2 |
| | | | | | | 08/07/2002 | 13.68 | | S | 2 |
| | | | | | | 09/11/2002 | 13.86 | | S | 2 |
| | | | | | | 10/24/2002 | 13.83 | | S | 2 |
| | | | | | | 11/07/2002 | 13.81 | | S | 2 |
| AD 11 2 | 20. C10 E50 01DDD 1 | CC 02 Davis Well | 261054116191201 | 2251.2 | 2000 | 12/04/2002 | 13.64 | | S | 2 |
| AD-11 2. | 30 S19 E50 01BBD 1 | GS-03 Deep Well | 361954116181201 | 2351.3 | 2000. | 01/08/2002
02/05/2002 | 210.71
210.74 | | S
S | 2 2 |
| | | | | | | 03/19/2002 | 210.64 | | S | 2 |
| | | | | | | 04/18/2002 | 210.31 | | S | 2 |
| | | | | | | 05/01/2002 | 210.18 | | S | 2 |
| | | | | | | 06/18/2002 | 209.74 | | S | 2 |
| | | | | | | 07/02/2002 | 209.72 | | S | 2 |
| | | | | | | 08/06/2002 | 209.49 | | S | 2 |
| | | | | | | 09/10/2002 | 209.39 | | S
S | 2 |
| | | | | | | 10/11/2002
11/06/2002 | 209.50
209.80 | | S | 2 2 |
| | | | | | | 12/13/2002 | 209.80 | | S | 2 |
| AD-12 2 | 30 S18 E51 34CBD 1 | GS-01 Deep Well | 362014116133901 | 2430.3 | 1580. | 01/08/2002 | 80.87 | | S | 2 |
| | | • | | | | 02/05/2002 | 80.90 | | S | 2 |
| | | | | | | 03/15/2002 | 80.85 | | S | 2 |
| | | | | | | 04/18/2002 | 80.88 | | S | 2 |
| | | | | | | 05/01/2002 | 80.89 | | S | 2 |
| | | | | | | 06/18/2002 | 80.88 | | S | 2 |
| | | | | | | 07/02/2002
08/06/2002 | 80.90 | | S
S | 2 |
| | | | | | | 08/06/2002 | 80.94
80.92 | | S
S | 2 2 |
| | | | | | | 10/25/2002 | 80.92 | | S | 2 |
| | | | | | | | | | | |
| | | | | | | 11/22/2002 | 80.91 | | S | 2 |

| Site | | Site | Elevation
(Feet Above | Well
Depth | Water | Level (Be | elow La | nd Surfac | re) |
|--------------------------------|--------------------|-----------------|--------------------------|---------------|--------------------------|----------------|---------|-----------|----------|
| Number Local Well Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy |
| AD-13 230 025N004E21M001SS-1 | Deep Well | 361724116324201 | 2703.2 | 2000. | 01/17/2002 | 370.85 | | S | 1 |
| | | | | | 02/05/2002 | 371.00 | | S | 1 |
| | | | | | 03/19/2002 | 370.96 | | S | 1 |
| | | | | | 04/19/2002 | 366.79 | | S | 1 |
| | | | | | 05/01/2002 | 366.42 | | S | 1 |
| | | | | | 06/18/2002 | 365.92 | | S | 1 |
| | | | | | 07/02/2002 | 366.12 | | S | 1 |
| | | | | | 08/15/2002 | 366.13 | | S | 1 |
| | | | | | 09/10/2002 | 365.94 | | S | 1 |
| | | | | | 10/25/2002 | 366.14 | | S | 1 |
| | | | | | 11/06/2002 | 366.42 | | S | 1 |
| | | | | | 12/13/2002 | 366.32 | | S | 1 |
| AD-14 230 025N005E14M001SDea | th Valley Jct Well | 361817116244701 | 2041.8 | 225. | 01/08/2002 | 2.49 | | S | 2 |
| | | | | | 02/05/2002 | 2.46 | | S | 2 |
| | | | | | 03/19/2002 | 2.46 | | S | 2 |
| | | | | | 04/18/2002 | 2.34 | | S | 2 |
| | | | | | 05/01/2002 | 2.41 | | S | 2 |
| | | | | | 06/18/2002 | 2.70 | | S | 2 |
| | | | | | 07/02/2002 | 2.88 | | S | 2 |
| | | | | | 08/06/2002 | 2.68 | | S | 2 2 |
| | | | | | 09/10/2002
10/24/2002 | 2.83
2.74 | | S
S | 2 |
| | | | | | 11/06/2002 | 2.74 | | S
S | 2 |
| | | | | | 12/04/2002 | 2.58 | | S | 2 |
| AM- 1 230 S17 E50 10CDD 1 Rog | ters Spring Well | 362858116195301 | 2265.9 | 202. | 01/08/2002 | 2.76 | | S | 2 |
| AM-1 230 317 E30 10CDD 1 R0g | gers Spring wen | 302030110193301 | 2203.9 | 202. | 02/07/2002 | 2.70 | | S | 2 |
| | | | | | 03/15/2002 | 2.64 | | S | 2 |
| | | | | | 04/29/2002 | 2.72 | | S | 2 |
| | | | | | 05/07/2002 | 2.80 | | S | 2 |
| | | | | | 06/18/2002 | 3.49 | | S | 2 |
| | | | | | 07/04/2002 | 3.77 | | S | 2 |
| | | | | | 08/07/2002 | 4.21 | | S | 2 |
| | | | | | 09/11/2002 | 4.08 | | S | 2 |
| | | | | | 10/11/2002 | 3.72 | | S | 2 |
| | | | | | 11/06/2002 | 3.29 | | S | 2 |
| | | | | | 12/09/2002 | 2.97 | | S | 2 |
| AM- 2 230 S17 E50 23BBCA1 Five | e Springs Well | 362755116190401 | 2367.4 | 123. | 01/08/2002 | 0.26 | F | S | 2 |
| | 1 6 | | | | 02/07/2002 | 0.25 | F | S | 2 |
| | | | | | 03/15/2002 | 0.26 | F | S | 2 |
| | | | | | 04/22/2002 | 0.25 | F | S | 2 |
| | | | | | 05/07/2002 | 0.25 | F | S | 2 |
| | | | | | 06/14/2002 | 0.25 | F | S | 2 |
| | | | | | 07/04/2002 | 0.25 | F | S | 2 |
| | | | | | 08/07/2002 | 0.25 | F | S | 2 |
| | | | | | 09/11/2002 | .29 | F | S | 2 |
| | | | | | 10/25/2002 | 0.31 | F | S | 2 |
| | | | | | 11/07/2002 | 0.31 | F | S | 2 |
| | | | | | 12/09/2002 | .31 | F | S | 2 |
| AM- 3 230 S17 E50 33CAAB1 Ash | Meadows 3 | 362555116205301 | 2157.0 | 202. | 01/08/2002 | 20.65 | | S | 2 |
| | | | | | 02/07/2002 | 20.32 | | S | 2 |
| | | | | | 03/15/2002 | 20.01 | | S | 2 |
| | | | | | 04/23/2002 | 19.83 | | S | 2 |
| | | | | | 05/07/2002 | 19.81 | | S | 2 |
| | | | | | 06/14/2002 | 20.08 | | S | 2 |
| | | | | | 07/04/2002 | 20.39 | | S | 2 |
| | | | | | 08/07/2002 | 21.18 | | S
S | 2
2 |
| | | | | | 09/11/2002
10/11/2002 | 21.54
21.74 | | S
S | 2 |
| | | | | | 11/06/2002 | 21.74 | | S | 2 |
| | | | | | 12/04/2002 | 21.72 | | S | 2 |
| | | | | | 1210712002 | 21./2 | | J | 4 |

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

| Site | | | Site | Elevation
(Feet Above | Well
Depth | Water | Level (Be | elow Lan | d Surfac | :e) |
|--------------|-----------------------|---------------------------|-----------------|--------------------------|---------------|------------|-----------|----------|----------|----------|
| Numbe | r Local Well Number | Station Name | Identification | Sea Level) | (Feet) | Date | (Feet) | Status | Method | Accuracy |
| AM- 5 | 230 S17 E50 36DDC 1 | Devils Hole Well | 362529116171100 | 2404.1 | 200. | 01/08/2002 | 48.16 | | S | 2 |
| | | | | | | 02/07/2002 | 48.17 | | S | 2 |
| | | | | | | 03/15/2002 | 48.20 | | S | 2 |
| | | | | | | 04/18/2002 | 48.19 | | S | 2 |
| | | | | | | 05/01/2002 | 48.14 | | S | 2 |
| | | | | | | 06/14/2002 | 48.19 | | S | 2 |
| | | | | | | 07/04/2002 | 48.08 | | S | 2 |
| | | | | | | 08/07/2002 | 48.22 | | S | 2 |
| | | | | | | 09/11/2002 | 48.16 | | S | 2 |
| | | | | | | 10/11/2002 | 48.19 | | S | 2 |
| | | | | | | 11/06/2002 | 48.17 | | S | 2 |
| | | | | | | 12/04/2002 | 48.10 | | S | 2 |
| AM- 6 | 230 S18 E51 07BBBB1 | Point of Rocks North Well | 362432116165701 | 2318.8 | 500. | 01/08/2002 | 21.36 | | S | 2 |
| | | | | | | 02/07/2002 | 21.36 | | S | 2 |
| | | | | | | 03/15/2002 | 21.34 | | S | 2 |
| | | | | | | 04/18/2002 | 21.44 | | S | 2 |
| | | | | | | 05/13/2002 | 21.46 | | S | 2 |
| | | | | | | 06/14/2002 | 21.65 | | S | 2 |
| | | | | | | 07/04/2002 | 21.51 | | S | 2 |
| | | | | | | 08/07/2002 | 21.61 | | S | 2 |
| | | | | | | 09/11/2002 | 21.60 | | S | 2 |
| | | | | | | 10/11/2002 | 21.54 | | S | 2 |
| | | | | | | 11/06/2002 | 21.57 | | S | 2 |
| | | | | | | 12/04/2002 | 21.47 | | S | 2 |
| AM- 7 | 230 S18 E51 07BDB 1 | Point of Rocks South Well | 362417116163600 | 2333.5 | 586. | 01/08/2002 | 7.58 | | S | 2 |
| | | | | | | 02/06/2002 | 7.59 | | S | 2 |
| | | | | | | 03/15/2002 | 7.58 | | S | 2 |
| | | | | | | 04/18/2002 | 7.58 | | S | 2 |
| | | | | | | 05/13/2002 | 7.62 | | S | 2 |
| | | | | | | 06/14/2002 | 8.60 | | S | 2 |
| | | | | | | 07/04/2002 | 7.69 | | S | 2 |
| | | | | | | 08/07/2002 | 7.90 | | S | 2 |
| | | | | | | 09/11/2002 | 7.85 | | S | 2 |
| | | | | | | 10/11/2002 | 7.84 | | S | 2 |
| | | | | | | 11/06/2002 | 7.62 | | S | 2 |
| | | | | | | 12/04/2002 | 7.53 | | S | 2 |
| DV- 3 | 243 026N003F21I 0019 | S Travertine Point 1 Well | 362230116392901 | 2728.4 | 650. | 01/14/2002 | 601.88 | | V | 1 |
| D • 3 | 2 13 02011003E21E0011 | s maverane rome r wen | 302230110372701 | 2720.1 | 050. | 02/05/2002 | 601.89 | | v | 1 |
| | | | | | | 03/19/2002 | 601.97 | | v | 1 |
| | | | | | | 04/19/2002 | 601.90 | | v | 1 |
| | | | | | | 05/01/2002 | 601.90 | | v | 1 |
| | | | | | | 06/18/2002 | 601.88 | | V | 1 |
| | | | | | | 07/02/2002 | 601.96 | | V | 1 |
| | | | | | | 08/06/2002 | 601.95 | | V | 1 |
| | | | | | | 09/10/2002 | 601.93 | | V | 1 |
| | | | | | | 10/25/2002 | 602.00 | | V | 1 |
| | | | | | | 11/07/2002 | 601.98 | | V
V | 1 |
| | | | | | | 12/04/2002 | 602.17 | | | |
| | | | | | | 12/04/2002 | 002.17 | | V | 1 |

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| Aroclor, definition of | Upper Twin Lake near |
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